

Kaliko.ImageLibrary

Kaliko.ImageLibrary Assembly

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► Namespaces

Namespace	Description
Kaliko.ImageLibrary	
Kaliko.ImageLibrary.ColorSpace	
Kaliko.ImageLibrary.Filters	
Kaliko.ImageLibrary.Scaling	

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Kaliko.ImageLibrary

Kaliko.ImageLibrary Namespace

[Inheritance Hierarchy](#) ▶ [Collapse All](#)

▲ Classes

	Class	Description
	KalikoImage	

▲ See Also

Reference

[Kaliko.ImageLibrary Assembly](#)

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KalikoImage Class

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

[Kaliko.ImageLibrary Namespace](#) : KalikoImage Class

Object Model

KalikoImage

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Class KalikoImage
'Usage

Dim instance As KalikoImage
public class KalikoImage
public class KalikoImage
public class KalikoImage
public __gc class KalikoImage
public ref class KalikoImage
```

Inheritance Hierarchy

System.Object

Kaliko.ImageLibrary.KalikoImage

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Members](#)
[Kaliko.ImageLibrary Namespace](#)

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KalikoImage Class Members

[Properties](#) [Methods](#) [Collapse All](#) [Members Options: Show All](#)

[Kaliko.ImageLibrary Namespace](#) : [KalikoImage Class](#)

The following tables list the members exposed by [KalikoImage](#).

► Public Constructors

	Name	Description
	KalikoImage Constructor	Overloaded.

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► Public Properties

	Name	Description
	BackgroundColor	Color used for background.
	ByteArray	Byte array matching PixelFormat.Format32bppArgb (bgrA in real life).
	Color	Color used for graphical operations such as writing text on image.
	Height	Image height.
	ImageRatio	Width/height ratio of image.
	IndexedPalette	Check if the current image has an indexed palette.
	IntArray	Int array matching PixelFormat.Format32bppArgb (bgrA in real life)
	IsLandscape	Returns true if image has landscape ratio (wider than high).
	IsPortrait	Returns true if image has portrait ratio (higher than wide).
	IsSquare	Returns true if image has a 1:1 ratio (same width and height).

	Size	Size of the image
	TextRenderingHint	Rendering mode for text operations.
	Width	Image width.

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▲ Public Methods

	Name	Description
	ApplyFilter	Apply a filter to the current Image.
	BlitFill	Overloaded. Loads the defined image and use it as a pattern to fill the image (will be tiled if the destination image is larger than the source image).
	BlitImage	Overloaded. Will load an image and place it on the destination image at top left corner.
	Clear	Clear the image and set background image to the specified color.
	Clone	Create a new image as a clone.
	Crop	Crop the image into the given dimensions.
	Destroy	
	Dispose	Overloaded.
	GradientFill	Overloaded. Makes a gradient fill top to bottom from one color to another.
	LoadImage	Overloaded. Load an image from local disk
	LoadImageFromUrl	Load an image from an URL
	Resize	Resizes the image without any consideration of the current ratio. If you wish to make a ratio locked resize use Scale Method instead.
	SaveBmp	Overloaded.
	SaveGif	Overloaded.
	SaveImage	Generic method that will save the image in the

		specified ImageFormat.
=◆	SaveJpg	Overloaded. Save image to file in JPG-format.
=◆	SavePng	Overloaded.
=◆	Scale	Scale the image using a defined scaling engine which can be CropScaling Class will crop the image so that the final result always has the given dimension, FitScaling Class will ensure that the complete image is visible inside the given dimension or PadScaling Class that will pad the image so that it cover the given dimension.
=◆	SetFont	Set the font that will be used for text operations.
=◆	StreamGif	Save image to the response stream in GIF-format. Ideal for sending realtime generated images to the web client requesting it.
=◆	StreamJpg	Save image to the response stream in JPG-format. Ideal for sending realtime generated images to the web client requesting it.
=◆	StreamPng	Save image to the response stream in PNG-format. Ideal for sending realtime generated images to the web client requesting it.
=◆	WriteText	Overloaded. Write text to image using the font assigned using SetFont Method .

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▲ Protected Methods

	Name	Description
=◆	Finalize	

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▲ See Also

Reference

KalikoImage Class

Kaliko.ImageLibrary Namespace

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KalikoImage Constructor

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) : KalikoImage Constructor

◀ Overload List

Overload	Description
KalikoImage Constructor(Image)	Create a KalikoImage from a System.Drawing.Image.
KalikoImage Constructor(Int32,Int32)	Create a KalikoImage with a defined width and height.
KalikoImage Constructor(Size)	Create a KalikoImage with a defined width and height.
KalikoImage Constructor(Size,Color)	Create a KalikoImage with a defined width, height and background color.
KalikoImage Constructor(Int32,Int32,Color)	Create a KalikoImage with a defined width, height and background color.
KalikoImage Constructor(String)	Create a KalikoImage by loading an image from either disk or web URL.
KalikoImage Constructor(Stream)	Create a KalikoImage from a stream.

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

This documentation was created using [Document! X](#) from Innovasys

KalikoImage Constructor(Image)

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) > [KalikoImage Constructor : KalikoImage Constructor\(Image\)](#)

Create a KalikoImage from a System.Drawing.Image.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New( _
    ByVal image As System.Drawing.Image _
)
'Usage

Dim image As System.Drawing.Image

Dim instance As New KalikoImage(image)
public KalikoImage(
    System.Drawing.Image image
)
public KalikoImage(
    image: System.Drawing.Image
);
public function KalikoImage(
    image : System.Drawing.Image
);
public: KalikoImage(
    System.Drawing.Image* image
)
public:
KalikoImage(
    System.Drawing.Image^ image
)
```

Parameters

image

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

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KalikoImage Constructor(Int32,Int32)

Example ▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > KalikoImage Constructor : KalikoImage Constructor(Int32,Int32)

Create a KalikoImage with a defined width and height.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal width As System.Integer, _
    ByVal height As System.Integer _
)
'Usage

Dim width As System.Integer
Dim height As System.Integer

Dim instance As New KalikoImage(width, height)
public KalikoImage(
    System.int width,
    System.int height
)
public KalikoImage(
    width: System.Integer;
    height: System.Integer
);
public function KalikoImage(
    width : System.int,
    height : System.int
);
public: KalikoImage(
    System.int width,
```

```
        System.int height  
    )  
public:  
KalikoImage(  
    System.int width,  
    System.int height  
)
```

Parameters

width
height

Example

- C#

```
// Creating a new transparent image  
var image = new KalikoImage(640, 480);
```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)
[Overload List](#)

KalikoImage Constructor(Size)

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) > [KalikoImage Constructor : KalikoImage Constructor\(Size\)](#)

Create a KalikoImage with a defined width and height.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New( _
    ByVal size As System.Drawing.Size _
)
```

'Usage

```
Dim size As System.Drawing.Size

Dim instance As New KalikoImage(size)
public KalikoImage(
    System.Drawing.Size size
)
public KalikoImage(
    size: System.Drawing.Size
);
public function KalikoImage(
    size : System.Drawing.Size
);
public: KalikoImage(
    System.Drawing.Size size
)
public:
KalikoImage(
    System.Drawing.Size size
)
```

Parameters

size

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

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KalikoImage Constructor(Size,Color)

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) > [KalikoImage Constructor : KalikoImage Constructor\(Size,Color\)](#)

Create a KalikoImage with a defined width, height and background color.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New( _
    ByVal size As System.Drawing.Size, _
    ByVal backgroundColor As System.Drawing.Color _ )
```

'Usage

```
Dim size As System.Drawing.Size
Dim backgroundColor As System.Drawing.Color

Dim instance As New KalikoImage(size, backgroundColor)
public KalikoImage(
    System.Drawing.Size size,
    System.Drawing.Color backgroundColor
)
public KalikoImage(
    size: System.Drawing.Size;
    backgroundColor: System.Drawing.Color
);
public function KalikoImage(
    size : System.Drawing.Size,
    backgroundColor : System.Drawing.Color
);
public: KalikoImage(
    System.Drawing.Size size,
```

```
        System.Drawing.Color backgroundColor  
    )  
    public:  
    KalikoImage(  
        System.Drawing.Size size,  
        System.Drawing.Color backgroundColor  
    )
```

Parameters

size
backgroundColor

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)
[Overload List](#)

KalikoImage Constructor(Int32,Int32,Color)

Example ▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) > [KalikoImage Constructor : KalikoImage Constructor\(Int32,Int32,Color\)](#)

Create a KalikoImage with a defined width, height and background color.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New( _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal backgroundColor As System.Drawing.Color _
)
'Usage

Dim width As System.Integer
Dim height As System.Integer
Dim backgroundColor As System.Drawing.Color

Dim instance As New KalikoImage(width, height, backgroundColor)
public KalikoImage(
    System.int width,
    System.int height,
    System.Drawing.Color backgroundColor
)
public KalikoImage(
    width: System.Integer;
    height: System.Integer;
    backgroundColor: System.Drawing.Color
);
public function KalikoImage(
    width : System.int,
```

```
    height : System.int,
    backgroundColor : System.Drawing.Color
);
public: KalikoImage(
    System.int width,
    System.int height,
    System.Drawing.Color backgroundColor
)
public:
KalikoImage(
    System.int width,
    System.int height,
    System.Drawing.Color backgroundColor
)
```

Parameters

width
height
backgroundColor

Example

- C#

```
// Creating a white image
var image = new KalikoImage(640, 480, Color.White);
```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

Overload List

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KalikoImage Constructor(String)

Example ▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > KalikoImage Constructor : KalikoImage Constructor(String)

Create a KalikoImage by loading an image from either disk or web URL.

◀ Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal filepath As System.String _
)
'Usage

Dim filepath As System.String

Dim instance As New KalikoImage(filepath)
public KalikoImage(
    System.string filepath
)
public KalikoImage(
    filepath: System.String
);
public function KalikoImage(
    filepath : System.String
);
public: KalikoImage(
    System.string* filepath
)
public:
KalikoImage(
    System.String^ filepath
)
```

Parameters

filepath

Example

- C#

```
// Open a local image:  
KalikoImage image = new KalikoImage("c:\\images\\test.jpg");  
  
// Load an image from the web:  
KalikoImage image = new KalikoImage("http://yourdomain.com/test.jp
```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)
[Overload List](#)

KalikoImage Constructor(Stream)

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) > [KalikoImage Constructor : KalikoImage Constructor\(Stream\)](#)

Create a KalikoImage from a stream.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New( _
    ByVal stream As System.IO.Stream _
)
'Usage

Dim stream As System.IO.Stream

Dim instance As New KalikoImage(stream)
public KalikoImage(
    System.IO.Stream stream
)
public KalikoImage(
    stream: System.IO.Stream
);
public function KalikoImage(
    stream : System.IO.Stream
);
public: KalikoImage(
    System.IO.Stream* stream
)
public:
KalikoImage(
    System.IO.Stream^ stream
)
```

Parameters

stream

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

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KalikoImage Class Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary Namespace](#) : [KalikoImage Class](#)

For a list of all members of this type, see [KalikoImage members](#).

◀ Public Methods

	Name	Description
≡ ♀	ApplyFilter	Apply a filter to the current Image.
≡ ♀	BlitFill	Overloaded. Loads the defined image and use it as a pattern to fill the image (will be tiled if the destination image is larger than the source image).
≡ ♀	BlitImage	Overloaded. Will load an image and place it on the destination image at top left corner.
≡ ♀	Clear	Clear the image and set background image to the specified color.
≡ ♀	Clone	Create a new image as a clone.
≡ ♀	Crop	Crop the image into the given dimensions.
≡ ♀	Destroy	
≡ ♀	Dispose	Overloaded.
≡ ♀	GradientFill	Overloaded. Makes a gradient fill top to bottom from one color to another.
≡ ♀	LoadImage	Overloaded. Load an image from local disk
≡ ♀	LoadImageFromUrl	Load an image from an URL
≡ ♀	Resize	Resizes the image without any consideration of the current ratio. If you wish to make a ratio locked resize use Scale Method instead.
≡ ♀	SaveBmp	Overloaded.
≡ ♀	SaveGif	Overloaded.

≡◊	SaveImage	Generic method that will save the image in the specified ImageFormat.
≡◊	SaveJpg	Overloaded. Save image to file in JPG-format.
≡◊	SavePng	Overloaded.
≡◊	Scale	Scale the image using a defined scaling engine which can be CropScaling Class will crop the image so that the final result always has the given dimension, FitScaling Class will ensure that the complete image is visible inside the given dimension or PadScaling Class that will pad the image so that it cover the given dimension.
≡◊	SetFont	Set the font that will be used for text operations.
≡◊	StreamGif	Save image to the response stream in GIF-format. Ideal for sending realtime generated images to the web client requesting it.
≡◊	StreamJpg	Save image to the response stream in JPG-format. Ideal for sending realtime generated images to the web client requesting it.
≡◊	StreamPng	Save image to the response stream in PNG-format. Ideal for sending realtime generated images to the web client requesting it.
≡◊	WriteText	Overloaded. Write text to image using the font assigned using SetFont Method .

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▲ Protected Methods

	Name	Description
◊	Finalize	

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▲ See Also

Reference

[KalikoImage Class](#)
[Kaliko.ImageLibrary Namespace](#)

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ApplyFilter Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : ApplyFilter Method

Apply a filter to the current Image.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

```
'Declaration

Public Sub ApplyFilter( _
    ByVal filter As IFilter _
)
'Usage

Dim instance As KalikoImage
Dim filter As IFilter

instance.ApplyFilter(filter)
public void ApplyFilter(
    IFilter filter
)
public procedure ApplyFilter(
    filter: IFilter
);
public function ApplyFilter(
    filter : IFilter
);
public: void ApplyFilter(
    IFilter* filter
)
public:
void ApplyFilter(
    IFilter^ filter
)
```

Parameters

filter

Any filter that supports the [IFilter](#) interface

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

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BlitFill Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) : BlitFill Method

Loads the defined image and use it as a pattern to fill the image (will be tiled if the destination image is larger than the source image).

▲ Overload List

Overload	Description
BlitFill(String)	Loads the defined image and use it as a pattern to fill the image (will be tiled if the destination image is larger than the source image).
BlitFill(KalikoImage)	Uses the defined image as a pattern to fill the image (will be tiled if the destination image is larger than the source image)..
BlitFill(Image)	Uses the defined image as a pattern to fill the image (will be tiled if the destination image is larger than the source image)..

▲ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

▲ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

BlitFill(String) Method

Example ▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > BlitFill Method : BlitFill(String) Method

Loads the defined image and use it as a pattern to fill the image (will be tiled if the destination image is larger than the source image).

◀ Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub BlitFill( _
    ByVal fileName As System.String _
)
```

'Usage

```
Dim instance As KalikoImage
Dim fileName As System.String

instance.BlitFill(fileName)
public void BlitFill(
    System.string fileName
)
public procedure BlitFill(
    fileName: System.String
);
public function BlitFill(
    fileName : System.String
);
public: void BlitFill(
    System.string* fileName
)
public:
void BlitFill(
```

```
    System.String^ fileName  
)
```

Parameters

fileName

Example

- C#

```
// Repeat the above, but in a just one additional call  
var image = new KalikoImage(640, 480);  
image.BlitFill(@"C:\Img\Checkered.png");
```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)
[Overload List](#)

BlitFill(KalikoImage) Method

Example ▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > BlitFill Method : BlitFill(KalikoImage) Method

Uses the defined image as a pattern to fill the image (will be tiled if the destination image is larger than the source image)..

◀ Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub BlitFill( _  
    ByVal image As KalikoImage _  
)
```

'Usage

```
Dim instance As KalikoImage  
Dim image As KalikoImage
```

```
instance.BlitFill(image)  
public void BlitFill(  
    KalikoImage image  
)  
public procedure BlitFill(  
    image: KalikoImage  
)  
public function BlitFill(  
    image : KalikoImage  
)  
public: void BlitFill(  
    KalikoImage* image  
)  
public:  
void BlitFill(
```

```
    KalikoImage^ image  
)
```

Parameters

image

Example

- C#

```
// Create a new image and fill the source image all over  
var image = new KalikoImage(640, 480);  
var patternImage = new KalikoImage(@"C:\Img\Checkered.png");  
image.BlitFill(patternImage);
```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)
[Overload List](#)

BlitFill(Image) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > BlitFill Method : BlitFill(Image) Method

Uses the defined image as a pattern to fill the image (will be tiled if the destination image is larger than the source image)..

◀ Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub BlitFill( _  
    ByVal image As System.Drawing.Image _  
)
```

'Usage

```
Dim instance As KalikoImage  
Dim image As System.Drawing.Image  
  
instance.BlitFill(image)  
public void BlitFill(  
    System.Drawing.Image image  
)  
public procedure BlitFill(  
    image: System.Drawing.Image  
)  
public function BlitFill(  
    image : System.Drawing.Image  
)  
public: void BlitFill(  
    System.Drawing.Image* image  
)  
public:  
void BlitFill(
```

```
System.Drawing.Image^ image  
)
```

Parameters

image

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)
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BlitImage Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) : BlitImage Method

Will load an image and place it on the destination image at top left corner.

► Overload List

Overload	Description
BlitImage(String)	Will load an image and place it on the destination image at top left corner.
BlitImage(String,Int32,Int32)	Will load an image and place it on the destination image at the defined coordinates.
BlitImage(KalikoImage)	Will take the source image and place it on the destination image at top left corner.
BlitImage(KalikoImage,Int32,Int32)	Will take the source image and place it on the destination image at the defined coordinates.
BlitImage(Image)	Will take the source image and place it on the destination image at top left corner.
BlitImage(Image,Int32,Int32)	Will take the source image and place it on the destination image at the defined coordinates.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

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BlitImage(String) Method

Example ▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > BlitImage Method : BlitImage(String) Method

Will load an image and place it on the destination image at top left corner.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

```
'Declaration

Public Overloads Sub BlitImage( _
    ByVal fileName As System.String _
)
'Usage

Dim instance As KalikoImage
Dim fileName As System.String

instance.BlitImage(fileName)
public void BlitImage(
    System.string fileName
)
public procedure BlitImage(
    fileName: System.String
);
public function BlitImage(
    fileName : System.String
);
public: void BlitImage(
    System.string* fileName
)
public:
void BlitImage(
    System.String^ fileName
)
```

Parameters

fileName

Example

- C#

```
// Load image and place on top, left of our image  
image.BlitImage(@"C:\Img\Stamp.png");
```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

BlitImage(String,Int32,Int32) Method

[Example](#) ▶ [Collapse All](#) ▶ [Language Filter: All](#)

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) > [BlitImage Method](#) :

BlitImage(String,Int32,Int32) Method

Will load an image and place it on the destination image at the defined coordinates.

▲ Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Sub BlitImage( _
    ByVal fileName As System.String, _
    ByVal x As System.Integer, _
    ByVal y As System.Integer _
)
```

'Usage

```
Dim instance As KalikoImage
Dim fileName As System.String
Dim x As System.Integer
Dim y As System.Integer

instance.BlitImage(fileName, x, y)
public void BlitImage(
    System.string fileName,
    System.int x,
    System.int y
)
public procedure BlitImage(
    fileName: System.String;
    x: System.Integer;
    y: System.Integer
```

```
 );
public function BlitImage(
    fileName : System.String,
    x : System.int,
    y : System.int
);
public: void BlitImage(
    System.string* fileName,
    System.int x,
    System.int y
)
public:
void BlitImage(
    System.String^ fileName,
    System.int x,
    System.int y
)
)
```

Parameters

fileName

x

y

Example

- C#

```
// Load image and place 10 pixels from the left and 20 pixels from
image.BlitImage(@"C:\Img\Stamp.png", 10, 20);
```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)
[Overload List](#)

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BlitImage(KalikoImage) Method

[Example](#) ▶ [Collapse All](#) ▶ [Language Filter: All](#)

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) > [BlitImage Method](#) : BlitImage(KalikoImage) Method

Will take the source image and place it on the destination image at top left corner.

◀ Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Sub BlitImage( _
    ByVal image As KalikoImage _
)
'Usage

Dim instance As KalikoImage
Dim image As KalikoImage

instance.BlitImage(image)
public void BlitImage(
    KalikoImage image
)
public procedure BlitImage(
    image: KalikoImage
);
public function BlitImage(
    image : KalikoImage
);
public: void BlitImage(
    KalikoImage* image
)
public:
```

```
void BlitImage(  
    KalikoImage^ image  
)
```

Parameters

image

Example

- C#

```
// Place the source image on top, left of our image  
var sourceImage = new KalikoImage(@"C:\Img\Stamp.png");  
image.BlitImage(sourceImage);
```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)
[Overload List](#)

BlitImage(KalikoImage,Int32,Int32) Method

[Example](#) ▶ [Collapse All](#) ▶ [Language Filter: All](#)

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) > [BlitImage Method](#) :

BlitImage(KalikoImage,Int32,Int32) Method

Will take the source image and place it on the destination image at the defined coordinates.

▲ Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Sub BlitImage( _
    ByVal image As KalikoImage, _
    ByVal x As System.Integer, _
    ByVal y As System.Integer _
)
```

'Usage

```
Dim instance As KalikoImage
Dim image As KalikoImage
Dim x As System.Integer
Dim y As System.Integer

instance.BlitImage(image, x, y)
public void BlitImage(
    KalikoImage image,
    System.int x,
    System.int y
)
public procedure BlitImage(
    image: KalikoImage;
    x: System.Integer;
    y: System.Integer
```

```
);

public function BlitImage(
    image : KalikoImage,
    x : System.int,
    y : System.int
);
public: void BlitImage(
    KalikoImage* image,
    System.int x,
    System.int y
)
public:
void BlitImage(
    KalikoImage^ image,
    System.int x,
    System.int y
)
```

Parameters

image

x

y

Example

- C#

```
// Place the source image 10 pixels from the left and 20 pixels fr
var sourceImage = new KalikoImage(@"C:\Img\Stamp.png");
image.BlitImage(sourceImage, 10, 20);
```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)
[Overload List](#)

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BlitImage(Image) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > BlitImage Method : BlitImage(Image) Method

Will take the source image and place it on the destination image at top left corner.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub BlitImage( _  
    ByVal image As System.Drawing.Image _  
)
```

'Usage

```
Dim instance As KalikoImage  
Dim image As System.Drawing.Image  
  
instance.BlitImage(image)  
public void BlitImage(  
    System.Drawing.Image image  
)  
public procedure BlitImage(  
    image: System.Drawing.Image  
)  
public function BlitImage(  
    image : System.Drawing.Image  
)  
public: void BlitImage(  
    System.Drawing.Image* image  
)  
public:  
void BlitImage(
```

```
System.Drawing.Image^ image  
)
```

Parameters

image

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)
[Overload List](#)

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BlitImage(Image,Int32,Int32) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) > [BlitImage Method](#) :
BlitImage(Image,Int32,Int32) Method

Will take the source image and place it on the destination image at the defined coordinates.

▲ Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Sub BlitImage( _
    ByVal image As System.Drawing.Image, _
    ByVal x As System.Integer, _
    ByVal y As System.Integer _
)
```

'Usage

```
Dim instance As KalikoImage
Dim image As System.Drawing.Image
Dim x As System.Integer
Dim y As System.Integer

instance.BlitImage(image, x, y)
public void BlitImage(
    System.Drawing.Image image,
    System.int x,
    System.int y
)
public procedure BlitImage(
    image: System.Drawing.Image;
    x: System.Integer;
    y: System.Integer
```

```
);

public function BlitImage(
    image : System.Drawing.Image,
    x : System.int,
    y : System.int
);
public: void BlitImage(
    System.Drawing.Image* image,
    System.int x,
    System.int y
)
public:
void BlitImage(
    System.Drawing.Image^ image,
    System.int x,
    System.int y
)
```

Parameters

image

x

y

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

Clear Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : Clear Method

Clear the image and set background image to the specified color.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

```
'Declaration

Public Sub Clear( _
    ByVal color As System.Drawing.Color _
)
'Usage

Dim instance As KalikoImage
Dim color As System.Drawing.Color

instance.Clear(color)
public void Clear(
    System.Drawing.Color color
)
public procedure Clear(
    color: System.Drawing.Color
);
public function Clear(
    color : System.Drawing.Color
);
public: void Clear(
    System.Drawing.Color color
)
public:
void Clear(
    System.Drawing.Color color
)
```

Parameters

color

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

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Clone Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : Clone Method

Create a new image as a clone.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

```
'Declaration

Public Function Clone() As KalikoImage
'Usage

Dim instance As KalikoImage
Dim value As KalikoImage

value = instance.Clone()
public KalikoImage Clone()
public function Clone(): KalikoImage;
public function Clone() : KalikoImage;
public: KalikoImage* Clone();
public:
KalikoImage^ Clone();
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

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Crop Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : Crop Method

Crop the image into the given dimensions.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Sub Crop( _
    ByVal x As System.Integer, _
    ByVal y As System.Integer, _
    ByVal width As System.Integer, _
    ByVal height As System.Integer _
)
'Usage

Dim instance As KalikoImage
Dim x As System.Integer
Dim y As System.Integer
Dim width As System.Integer
Dim height As System.Integer

instance.Crop(x, y, width, height)
public void Crop(
    System.int x,
    System.int y,
    System.int width,
    System.int height
)
public procedure Crop(
    x: System.Integer;
    y: System.Integer;
    width: System.Integer;
```

```
    height: System.Integer  
);  
public function Crop(  
    x : System.int,  
    y : System.int,  
    width : System.int,  
    height : System.int  
);  
public: void Crop(  
    System.int x,  
    System.int y,  
    System.int width,  
    System.int height  
)  
public:  
void Crop(  
    System.int x,  
    System.int y,  
    System.int width,  
    System.int height  
)
```

Parameters

x
y
width
height

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

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Destroy Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : Destroy Method

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Sub Destroy()  
'Usage  
  
Dim instance As KalikoImage  
  
instance.Destroy()  
public void Destroy()  
public procedure Destroy();  
public function Destroy();  
public: void Destroy();  
public:  
void Destroy();
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

KalikoImage Members

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Dispose Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : Dispose Method

► Overload List

Overload	Description
Dispose(Boolean)	
Dispose()	

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

Dispose(Boolean) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > Dispose Method : Dispose(Boolean) Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Protected Overloads Overridable Sub Dispose( _
    ByVal disposing As System.Boolean _
)
'Usage

Dim instance As KalikoImage
Dim disposing As System.Boolean

instance.Dispose(disposing)
protected virtual void Dispose(
    System.bool disposing
)
protected procedure Dispose(
    disposing: System.Boolean
); virtual;
protected function Dispose(
    disposing : System.boolean
);
protected: virtual void Dispose(
    System.bool disposing
)
protected:
virtual void Dispose(
    System.bool disposing
)
```

Parameters

disposing

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

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Dispose() Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > Dispose Method : Dispose() Method

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Sub Dispose()  
'Usage  
  
Dim instance As KalikoImage  
  
instance.Dispose()  
public void Dispose()  
public procedure Dispose();  
public function Dispose();  
public: void Dispose();  
public:  
void Dispose();
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

KalikoImage Members

Overload List

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Finalize Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : Finalize Method

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Protected Overrides Sub Finalize()  
'Usage  
  
Dim instance As KalikoImage  
  
instance.Finalize()  
protected override void Finalize()  
protected procedure Finalize(); override;  
protected override function Finalize();  
protected: void Finalize(); override  
protected:  
void Finalize(); override
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

KalikoImage Members

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GradientFill Method

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) : GradientFill Method

Makes a gradient fill top to bottom from one color to another.

◀ Overload List

Overload	Description
GradientFill(Color,Color)	Makes a gradient fill top to bottom from one color to another.
GradientFill(Point,Point,Color,Color)	Makes a gradient fill from point 1 to point 2 from one color to another.

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

GradientFill(Color,Color) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > GradientFill Method : GradientFill(Color,Color) Method

Makes a gradient fill top to bottom from one color to another.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub GradientFill( _
    ByVal colorFrom As System.Drawing.Color, _
    ByVal colorTo As System.Drawing.Color _
)
```

'Usage

```
Dim instance As KalikoImage
Dim colorFrom As System.Drawing.Color
Dim colorTo As System.Drawing.Color

instance.GradientFill(colorFrom, colorTo)
public void GradientFill(
    System.Drawing.Color colorFrom,
    System.Drawing.Color colorTo
)
public procedure GradientFill(
    colorFrom: System.Drawing.Color;
    colorTo: System.Drawing.Color
);
public function GradientFill(
    colorFrom : System.Drawing.Color,
    colorTo : System.Drawing.Color
);
public: void GradientFill(
```

```
        System.Drawing.Color colorFrom,  
        System.Drawing.Color colorTo  
    )  
public:  
void GradientFill(  
    System.Drawing.Color colorFrom,  
    System.Drawing.Color colorTo  
)
```

Parameters

colorFrom
colorTo

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)
[Overload List](#)

GradientFill(Point,Point,Color,Color) Method

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) > [GradientFill Method](#) :
GradientFill(Point,Point,Color,Color) Method

Makes a gradient fill from point 1 to point 2 from one color to another.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Sub GradientFill( _
    ByVal pointFrom As System.Drawing.Point, _
    ByVal pointTo As System.Drawing.Point, _
    ByVal colorFrom As System.Drawing.Color, _
    ByVal colorTo As System.Drawing.Color _
)
'Usage

Dim instance As KalikoImage
Dim pointFrom As System.Drawing.Point
Dim pointTo As System.Drawing.Point
Dim colorFrom As System.Drawing.Color
Dim colorTo As System.Drawing.Color

instance.GradientFill(pointFrom, pointTo, colorFrom, colorTo)
public void GradientFill(
    System.Drawing.Point pointFrom,
    System.Drawing.Point pointTo,
    System.Drawing.Color colorFrom,
    System.Drawing.Color colorTo
)
```

```
public procedure GradientFill(
    pointFrom: System.Drawing.Point;
    pointTo: System.Drawing.Point;
    colorFrom: System.Drawing.Color;
    colorTo: System.Drawing.Color
);
public function GradientFill(
    pointFrom : System.Drawing.Point,
    pointTo : System.Drawing.Point,
    colorFrom : System.Drawing.Color,
    colorTo : System.Drawing.Color
);
public: void GradientFill(
    System.Drawing.Point pointFrom,
    System.Drawing.Point pointTo,
    System.Drawing.Color colorFrom,
    System.Drawing.Color colorTo
)
public:
void GradientFill(
    System.Drawing.Point pointFrom,
    System.Drawing.Point pointTo,
    System.Drawing.Color colorFrom,
    System.Drawing.Color colorTo
)
```

Parameters

pointFrom
pointTo
colorFrom
colorTo

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)
[Overload List](#)

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LoadImage Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : LoadImage Method

Load an image from local disk

◀ Overload List

Overload	Description
LoadImage(String)	Load an image from local disk
LoadImage(Stream)	Load an image from a stream object (MemoryStream, Stream etc)

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

LoadImage(String) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > LoadImage Method : LoadImage(String) Method

Load an image from local disk

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub LoadImage( _
    ByVal fileName As System.String _
)
```

'Usage

```
Dim instance As KalikoImage
Dim fileName As System.String
```

```
instance.LoadImage(fileName)
public void LoadImage(
    System.string fileName
)
public procedure LoadImage(
    fileName: System.String
);
public function LoadImage(
    fileName : System.String
);
public: void LoadImage(
    System.string* fileName
)
public:
void LoadImage(
    System.String^ fileName
)
```

Parameters

fileName

File path

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

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LoadImage(Stream) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > LoadImage Method : LoadImage(Stream) Method

Load an image from a stream object (MemoryStream, Stream etc)

◀ Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub LoadImage( _
    ByVal stream As System.IO.Stream _
)
```

'Usage

```
Dim instance As KalikoImage
Dim stream As System.IO.Stream

instance.LoadImage(stream)
public void LoadImage(
    System.IO.Stream stream
)
public procedure LoadImage(
    stream: System.IO.Stream
);
public function LoadImage(
    stream : System.IO.Stream
);
public: void LoadImage(
    System.IO.Stream* stream
)
public:
void LoadImage(
    System.IO.Stream^ stream
)
```

)

Parameters

stream

Pointer to stream

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

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LoadImageFromUrl Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : LoadImageFromUrl Method

Load an image from an URL

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Sub LoadImageFromUrl( _
    ByVal url As System.String _
)
'Usage

Dim instance As KalikoImage
Dim url As System.String

instance.LoadImageFromUrl(url)
public void LoadImageFromUrl(
    System.string url
)
public procedure LoadImageFromUrl(
    url: System.String
);
public function LoadImageFromUrl(
    url : System.String
);
public: void LoadImageFromUrl(
    System.string* url
)
public:
void LoadImageFromUrl(
    System.String^ url
)
```

Parameters

url

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

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Resize Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : Resize Method

Resizes the image without any consideration of the current ratio. If you wish to make a ratio locked resize use [Scale Method](#) instead.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Sub Resize( _
    ByVal width As System.Integer, _
    ByVal height As System.Integer _
)
```

'Usage

```
Dim instance As KalikoImage
Dim width As System.Integer
Dim height As System.Integer

instance.Resize(width, height)
public void Resize(
    System.int width,
    System.int height
)
public procedure Resize(
    width: System.Integer;
    height: System.Integer
);
public function Resize(
    width : System.int,
    height : System.int
);
```

```
public: void Resize(  
    System.int width,  
    System.int height  
)  
public:  
void Resize(  
    System.int width,  
    System.int height  
)
```

Parameters

width

height

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Scale Method](#)

SaveBmp Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : SaveBmp Method

◀ Overload List

Overload	Description
SaveBmp(Stream)	
SaveBmp(String)	Save image to file in BMP-format.
SaveBmp(Stream,ImageFormat)	

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

SaveBmp(Stream) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > SaveBmp Method : SaveBmp(Stream) Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub SaveBmp( _
    ByVal stream As System.IO.Stream _
)
'Usage

Dim instance As KalikoImage
Dim stream As System.IO.Stream

instance.SaveBmp(stream)
public void SaveBmp(
    System.IO.Stream stream
)
public procedure SaveBmp(
    stream: System.IO.Stream
);
public function SaveBmp(
    stream : System.IO.Stream
);
public: void SaveBmp(
    System.IO.Stream* stream
)
public:
void SaveBmp(
    System.IO.Stream^ stream
)
```

Parameters

stream

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

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SaveBmp(String) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > SaveBmp Method : SaveBmp(String) Method

Save image to file in BMP-format.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub SaveBmp( _
    ByVal fileName As System.String _
)
```

'Usage

```
Dim instance As KalikoImage
Dim fileName As System.String
```

```
instance.SaveBmp(fileName)
public void SaveBmp(
    System.string fileName
)
public procedure SaveBmp(
    fileName: System.String
);
public function SaveBmp(
    fileName : System.String
);
public: void SaveBmp(
    System.string* fileName
)
public:
void SaveBmp(
    System.String^ fileName
)
```

Parameters

fileName

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

This documentation was created using [Document! X](#) from Innovasys

SaveBmp(Stream,ImageFormat) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) > [SaveBmp Method](#) :
SaveBmp(Stream,ImageFormat) Method

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Sub SaveBmp( _
    ByVal stream As System.IO.Stream, _
    ByVal format As System.Drawing.Imaging.ImageFormat _
)
```

'Usage

```
Dim instance As KalikoImage
Dim stream As System.IO.Stream
Dim format As System.Drawing.Imaging.ImageFormat
```

```
instance.SaveBmp(stream, format)
public void SaveBmp(
    System.IO.Stream stream,
    System.Drawing.Imaging.ImageFormat format
)
public procedure SaveBmp(
    stream: System.IO.Stream;
    format: System.Drawing.Imaging.ImageFormat
);
public function SaveBmp(
    stream : System.IO.Stream,
    format : System.Drawing.Imaging.ImageFormat
);
public: void SaveBmp(
    System.IO.Stream* stream,
    System.Drawing.Imaging.ImageFormat* format
)
```

```
public:  
void SaveBmp(  
    System.IO.Stream^ stream,  
    System.Drawing.Imaging.ImageFormat^ format  
)
```

Parameters

stream
format

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)
[Overload List](#)

SaveGif Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : SaveGif Method

▲ Overload List

Overload	Description
SaveGif(Stream)	
SaveGif(String)	Save image to file in GIF-format.

▲ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

▲ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

SaveGif(Stream) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > SaveGif Method : SaveGif(Stream) Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub SaveGif( _
    ByVal stream As System.IO.Stream _
)
'Usage

Dim instance As KalikoImage
Dim stream As System.IO.Stream

instance.SaveGif(stream)
public void SaveGif(
    System.IO.Stream stream
)
public procedure SaveGif(
    stream: System.IO.Stream
);
public function SaveGif(
    stream : System.IO.Stream
);
public: void SaveGif(
    System.IO.Stream* stream
)
public:
void SaveGif(
    System.IO.Stream^ stream
)
```

Parameters

stream

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

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SaveGif(String) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > SaveGif Method : SaveGif(String) Method

Save image to file in GIF-format.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub SaveGif( _
    ByVal fileName As System.String _
)
'Usage

Dim instance As KalikoImage
Dim fileName As System.String

instance.SaveGif(fileName)
public void SaveGif(
    System.string fileName
)
public procedure SaveGif(
    fileName: System.String
);
public function SaveGif(
    fileName : System.String
);
public: void SaveGif(
    System.string* fileName
)
public:
void SaveGif(
    System.String^ fileName
)
```

Parameters

fileName

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

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SaveImage Method

[Example](#) ▶ [Collapse All](#) ▶ [Language Filter: All](#)

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) : SaveImage Method

Generic method that will save the image in the specified ImageFormat.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Sub SaveImage( _
    ByVal fileName As System.String, _
    ByVal format As System.Drawing.Imaging.ImageFormat _
)
'Usage

Dim instance As KalikoImage
Dim fileName As System.String
Dim format As System.Drawing.Imaging.ImageFormat

instance.SaveImage(fileName, format)
public void SaveImage(
    System.string fileName,
    System.Drawing.Imaging.ImageFormat format
)
public procedure SaveImage(
    fileName: System.String;
    format: System.Drawing.Imaging.ImageFormat
);
public function SaveImage(
    fileName : System.String,
    format : System.Drawing.Imaging.ImageFormat
);
public: void SaveImage(
    System.string* fileName,
```

```
        System.Drawing.Imaging.ImageFormat* format
    )
public:
void SaveImage(
    System.String^ fileName,
    System.Drawing.Imaging.ImageFormat^ format
)
```

Parameters

fileName
format

Image format to save the file in, for example `ImageFormat.Tiff`

Example

- C#

```
// Save image to file system in the selected format
image.SaveImage(@"C:\MyImages\Output.tif", ImageFormat.Tiff);
```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

SaveJpg Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) : SaveJpg Method

Save image to file in JPG-format.

► Overload List

Overload	Description
SaveJpg(Stream,Int64)	
SaveJpg(String,Int64)	Save image to file in JPG-format.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

SaveJpg(Stream,Int64) Method

[Example](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

Kaliko.ImageLibrary Namespace > KalikoImage Class > SaveJpg Method : SaveJpg(Stream,Int64) Method

◀ Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Sub SaveJpg( _
    ByVal stream As System.IO.Stream, _
    ByVal quality As System.Long _
)
```

'Usage

```
Dim instance As KalikoImage
Dim stream As System.IO.Stream
Dim quality As System.Long

instance.SaveJpg(stream, quality)
public void SaveJpg(
    System.IO.Stream stream,
    System.long quality
)
public procedure SaveJpg(
    stream: System.IO.Stream;
    quality: System.Int64
);
public function SaveJpg(
    stream : System.IO.Stream,
    quality : System.long
);
public: void SaveJpg(
    System.IO.Stream* stream,
    System.long quality
)
```

```
public:  
void SaveJpg(  
    System.IO.Stream^ stream,  
    System.int64 quality  
)
```

Parameters

stream

Stream to save the image to

quality

Compression quality setting (0-100)

Example

- C#

```
// Save image to stream in jpg format with quality setting 90  
MemoryStream memoryStream = new MemoryStream();  
image.SaveJpg(memoryStream, 90);
```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

SaveJpg(String,Int64) Method

Example ▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > SaveJpg Method : SaveJpg(String,Int64) Method

Save image to file in JPG-format.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub SaveJpg( _
    ByVal fileName As System.String, _
    ByVal quality As System.Long _
)
```

'Usage

```
Dim instance As KalikoImage
Dim fileName As System.String
Dim quality As System.Long

instance.SaveJpg(fileName, quality)
public void SaveJpg(
    System.string fileName,
    System.long quality
)
public procedure SaveJpg(
    fileName: System.String;
    quality: System.Int64
);
public function SaveJpg(
    fileName : System.String,
    quality : System.long
);
public: void SaveJpg(
    System.string* fileName,
```

```
        System.long quality
    )
public:
void SaveJpg(
    System.String^ fileName,
    System.int64 quality
)
```

Parameters

fileName

Name of the file

quality

Compression quality setting (0-100)

Example

- C#

```
// Save image to file system in jpg format with quality setting 90
image.SaveJpg(@"C:\MyImages\Output.jpg", 90);
```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

SavePng Method

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) : SavePng Method

◀ Overload List

Overload	Description
SavePng(Stream)	
SavePng(String)	Save image to file in PNG-format.

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

SavePng(Stream) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > SavePng Method : SavePng(Stream) Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub SavePng( _
    ByVal stream As System.IO.Stream _
)
'Usage

Dim instance As KalikoImage
Dim stream As System.IO.Stream

instance.SavePng(stream)
public void SavePng(
    System.IO.Stream stream
)
public procedure SavePng(
    stream: System.IO.Stream
);
public function SavePng(
    stream : System.IO.Stream
);
public: void SavePng(
    System.IO.Stream* stream
)
public:
void SavePng(
    System.IO.Stream^ stream
)
```

Parameters

stream

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

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SavePng(String) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class > SavePng Method : SavePng(String) Method

Save image to file in PNG-format.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Sub SavePng( _
    ByVal fileName As System.String _
)
```

'Usage

```
Dim instance As KalikoImage
Dim fileName As System.String

instance.SavePng(fileName)
public void SavePng(
    System.string fileName
)
public procedure SavePng(
    fileName: System.String
);
public function SavePng(
    fileName : System.String
);
public: void SavePng(
    System.string* fileName
)
public:
void SavePng(
    System.String^ fileName
)
```

Parameters

fileName

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

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Scale Method (KalikoImage)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > KalikoImage Class : Scale Method

Scale the image using a defined scaling engine which can be [CropScaling Class](#) will crop the image so that the final result always has the given dimension, [FitScaling Class](#) will ensure that the complete image is visible inside the given dimension or [PadScaling Class](#) that will pad the image so that it cover the given dimension.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function Scale( _
    ByVal scaleEngine As ScalingBase _ 
) As KalikoImage
'Usage

Dim instance As KalikoImage
Dim scaleEngine As ScalingBase
Dim value As KalikoImage

value = instance.Scale(scaleEngine)
public KalikoImage Scale(
    ScalingBase scaleEngine
)
public function Scale(
    scaleEngine: ScalingBase
): KalikoImage;
public function Scale(
    scaleEngine : ScalingBase
) : KalikoImage;
```

```
public: KalikoImage* Scale(
    ScalingBase* scaleEngine
)
public:
KalikoImage^ Scale(
    ScalingBase^ scaleEngine
)
```

Parameters

scaleEngine

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[CropScaling Class](#)

[FitScaling Class](#)

[PadScaling Class](#)

SetFont Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : SetFont Method

Set the font that will be used for text operations.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Sub SetFont( _
    ByVal fileName As System.String, _
    ByVal size As System.Single, _
    ByVal fontStyle As System.Drawing.FontStyle _
)
```

'Usage

```
Dim instance As KalikoImage
Dim fileName As System.String
Dim size As System.Single
Dim fontStyle As System.Drawing.FontStyle

instance.SetFont(fileName, size, fontStyle)
public void SetFont(
    System.string fileName,
    System.float size,
    System.Drawing.FontStyle fontStyle
)
public procedure SetFont(
    fileName: System.String;
    size: System.Single;
    fontStyle: System.Drawing.FontStyle
);
public function SetFont(
    fileName : System.String,
```

```
        size : System.float,
        fontStyle : System.Drawing.FontStyle
    );
    public: void SetFont(
        System.string* fileName,
        System.float size,
        System.Drawing.FontStyle fontStyle
    )
    public:
    void SetFont(
        System.String^ fileName,
        System.float size,
        System.Drawing.FontStyle fontStyle
    )
}
```

Parameters

fileName
size
fontStyle

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

StreamGif Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : StreamGif Method

Save image to the response stream in GIF-format. Ideal for sending realtime generated images to the web client requesting it.

◀ Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Sub StreamGif( _
    ByVal fileName As System.String _
)
'Usage

Dim instance As KalikoImage
Dim fileName As System.String

instance.StreamGif(fileName)
public void StreamGif(
    System.string fileName
)
public procedure StreamGif(
    fileName: System.String
);
public function StreamGif(
    fileName : System.String
);
public: void StreamGif(
    System.string* fileName
)
public:
void StreamGif(
```

```
    System.String^ fileName  
)
```

Parameters

fileName

► Remarks

This method will set the proper HTTP-headers such as filename and mime-type.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

StreamJpg Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : StreamJpg Method

Save image to the response stream in JPG-format. Ideal for sending realtime generated images to the web client requesting it.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Sub StreamJpg( _  
    ByVal quality As System.Long, _  
    ByVal fileName As System.String _  
)
```

'Usage

```
Dim instance As KalikoImage  
Dim quality As System.Long  
Dim fileName As System.String  
  
instance.StreamJpg(quality, fileName)  
public void StreamJpg(  
    System.long quality,  
    System.string fileName  
)  
public procedure StreamJpg(  
    quality: System.Int64;  
    fileName: System.String  
);  
public function StreamJpg(  
    quality : System.long,  
    fileName : System.String  
);
```

```
public: void StreamJpg(
    System.long quality,
    System.string* fileName
)
public:
void StreamJpg(
    System.int64 quality,
    System.String^ fileName
)
```

Parameters

quality
fileName

Remarks

This method will set the proper HTTP-headers such as filename and mime-type.

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

StreamPng Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : StreamPng Method

Save image to the response stream in PNG-format. Ideal for sending realtime generated images to the web client requesting it.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Sub StreamPng( _
    ByVal fileName As System.String _
)
```

'Usage

```
Dim instance As KalikoImage
Dim fileName As System.String
```

```
instance.StreamPng(fileName)
public void StreamPng(
    System.string fileName
)
public procedure StreamPng(
    fileName: System.String
);
public function StreamPng(
    fileName : System.String
);
public: void StreamPng(
    System.string* fileName
)
public:
void StreamPng(
```

```
    System.String^ fileName  
)
```

Parameters

fileName

► Remarks

This method will set the proper HTTP-headers such as filename and mime-type.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

WriteText Method

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) : WriteText Method

Write text to image using the font assigned using [SetFont Method](#).

▲ Overload List

Overload	Description
WriteText(String,Int32,Int32)	Write text to image using the font assigned using SetFont Method .
WriteText(String,Int32,Int32,Single)	Write text to image using the font assigned using SetFont Method rotated in the defined angle.

▲ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

▲ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

WriteText(String,Int32,Int32) Method

[Example](#) ▶ [Collapse All](#) ▶ [Language Filter: All](#)

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) > [WriteText Method](#) :

WriteText(String,Int32,Int32) Method

Write text to image using the font assigned using [SetFont Method](#).

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Sub WriteText( _
    ByVal text As System.String, _
    ByVal x As System.Integer, _
    ByVal y As System.Integer _
)
```

'Usage

```
Dim instance As KalikoImage
Dim text As System.String
Dim x As System.Integer
Dim y As System.Integer

instance.WriteLine(text, x, y)
public void WriteText(
    System.string text,
    System.int x,
    System.int y
)
public procedure WriteText(
    text: System.String;
    x: System.Integer;
    y: System.Integer
);
public function WriteText(
```

```

    text : System.String,
    x : System.int,
    y : System.int
);
public: void WriteText(
    System.string* text,
    System.int x,
    System.int y
)
public:
void WriteText(
    System.String^ text,
    System.int x,
    System.int y
)

```

Parameters

text
 Text that will be written on image

x
 Left-most position of the text

y
 Top-most position of the text

Example

- C#

```

// Write Hello World on image with semi transparent white
var image = new KalikoImage(@"C:\Img\MyImage.jpg");

// Load the font, relative path from the application path
image.SetFont("84_rock.ttf", 120, FontStyle.Regular);
image.Color = Color.FromArgb(64, Color.White);
image.WriteText("Hello World!", 0, 0);

```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

[Overload List](#)

[SetFont Method](#)

This documentation was created using [Document! X](#) from Innovasys

WriteText(String,Int32,Int32,Single) Method

[Example](#) ▶ [Collapse All](#) ▶ [Language Filter: All](#)

[Kaliko.ImageLibrary Namespace](#) > [KalikoImage Class](#) > [WriteText Method](#) :

WriteText(String,Int32,Int32,Single) Method

Write text to image using the font assigned using [SetFont Method](#) rotated in the defined angle.

▲ Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Sub WriteText( _
    ByVal text As System.String, _
    ByVal x As System.Integer, _
    ByVal y As System.Integer, _
    ByVal angle As System.Single _
)
```

'Usage

```
Dim instance As KalikoImage
Dim text As System.String
Dim x As System.Integer
Dim y As System.Integer
Dim angle As System.Single

instance.WriteLine(text, x, y, angle)
public void WriteText(
    System.string text,
    System.int x,
    System.int y,
    System.float angle
)
public procedure WriteText(
```

```
    text: System.String;
    x: System.Integer;
    y: System.Integer;
    angle: System.Single
);
public function WriteText(
    text : System.String,
    x : System.int,
    y : System.int,
    angle : System.float
);
public: void WriteText(
    System.string* text,
    System.int x,
    System.int y,
    System.float angle
)
public:
void WriteText(
    System.String^ text,
    System.int x,
    System.int y,
    System.float angle
)
```

Parameters

text
Text that will be written on image
x
Left-most position of the text
y
Top-most position of the text
angle
Angle to rotate the text to

Example

- C#

```
// Write Hello World on image with semi transparent white
var image = new KalikoImage(@"C:\Img\MyImage.jpg");
```

```
// Load the font, relative path from the application path
image.SetFont("84_rock.ttf", 120, FontStyle.Regular);
image.Color = Color.FromArgb(64, Color.White);
image.WriteText("Hello World!", 100, 100, 45);
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)
[Overload List](#)
[SetFont Method](#)

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KalikoImage Class Properties

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary Namespace](#) : KalikoImage Class

For a list of all members of this type, see [KalikoImage members](#).

► Public Properties

	Name	Description
	BackgroundColor	Color used for background.
	ByteArray	Byte array matching PixelFormat.Format32bppArgb (bgrA in real life).
	Color	Color used for graphical operations such as writing text on image.
	Height	Image height.
	ImageRatio	Width/height ratio of image.
	IndexedPalette	Check if the current image has an indexed palette.
	IntArray	Int array matching PixelFormat.Format32bppArgb (bgrA in real life)
	IsLandscape	Returns true if image has landscape ratio (wider than high).
	IsPortrait	Returns true if image has portrait ratio (higher than wide).
	IsSquare	Returns true if image has a 1:1 ratio (same width and height).
	Size	Size of the image
	TextRenderingHint	Rendering mode for text operations.
	Width	Image width.

[Top](#)

◀ See Also

Reference

[KalikoImage Class](#)

[Kaliko.ImageLibrary Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

BackgroundColor Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : BackgroundColor Property

Color used for background.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property BackgroundColor As System.Drawing.Color
'Usage

Dim instance As KalikoImage
Dim value As System.Drawing.Color

instance.BackgroundColor = value

value = instance.BackgroundColor
public System.Drawing.Color BackgroundColor {get; set;}
public read-write property BackgroundColor: System.Drawing.Color;
public function get, set BackgroundColor : System.Drawing.Color
public: __property System.Drawing.Color get_BackgroundColor();
public: __property void set_BackgroundColor(
    System.Drawing.Color value
);
public:
property System.Drawing.Color BackgroundColor {
    System.Drawing.Color get();
    void set (    System.Drawing.Color value);
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

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ByteArray Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : ByteArray Property

Byte array matching PixelFormat.Format32bppArgb (bgrA in real life).

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property ByteArray As System.Byte()
'Usage

Dim instance As KalikoImage
Dim value() As System.Byte

instance.ByteArray = value

value = instance.ByteArray
public System.byte[] ByteArray {get; set;}
public read-write property ByteArray: System.array of Byte;
public function get, set ByteArray : System.byte[]
public: __property System.byte[]* get_ByteArray();
public: __property void set_ByteArray(
    System.byte[]* value
);
public:
property System.array<byte>^ ByteArray {
    System.array<byte>^ get();
    void set (    System.array<byte>^ value);
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

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Color Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : Color Property

Color used for graphical operations such as writing text on image.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Color As System.Drawing.Color
'Usage

Dim instance As KalikoImage
Dim value As System.Drawing.Color

instance.Color = value

value = instance.Color
public System.Drawing.Color Color {get; set;}
public read-write property Color: System.Drawing.Color;
public function get, set Color : System.Drawing.Color
public: __property System.Drawing.Color get_color();
public: __property void set_color(
    System.Drawing.Color value
);
public:
property System.Drawing.Color Color {
    System.Drawing.Color get();
    void set (    System.Drawing.Color value);
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

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Height Property (KalikoImage)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : Height Property

Image height.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Readonly Property Height As System.Integer  
'Usage  
  
Dim instance As KalikoImage  
Dim value As System.Integer  
  
value = instance.Height  
public System.int Height {get;}  
public read-only property Height: System.Integer;  
public function get Height : System.int  
public: __property System.int get_Height();  
public:  
property System.int Height {  
    System.int get();  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

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ImageRatio Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : ImageRatio Property

Width/height ratio of image.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Readonly Property ImageRatio As System.Double  
'Usage  
  
Dim instance As KalikoImage  
Dim value As System.Double  
  
value = instance.ImageRatio  
public System.double ImageRatio {get;}  
public read-only property ImageRatio: System.Double;  
public function get ImageRatio : System.double  
public: __property System.double get_ImageRatio();  
public:  
property System.double ImageRatio {  
    System.double get();  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

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IndexedPalette Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : IndexedPalette Property

Check if the current image has an indexed palette.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Readonly Property IndexedPalette As System.Boolean
'Usage

Dim instance As KalikoImage
Dim value As System.Boolean

value = instance.IndexedPalette
public System.bool IndexedPalette {get;}
public read-only property IndexedPalette: System.Boolean;
public function get IndexedPalette : System.boolean
public: __property System.bool get_IndexedPalette();
public:
property System.bool IndexedPalette {
    System.bool get();
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

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IntArray Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : IntArray Property

Int array matching PixelFormat.Format32bppArgb (bgrA in real life)

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property IntArray As System.Integer()
'Usage

Dim instance As KalikoImage
Dim value() As System.Integer

instance.IntArray = value

value = instance.IntArray
public System.int[] IntArray {get; set;}
public read-write property IntArray: System.array of Integer;
public function get, set IntArray : System.int[]
public: __property System.int[]* get_IntArray();
public: __property void set_IntArray(
    System.int[]* value
);
public:
property System.array<int>^ IntArray {
    System.array<int>^ get();
    void set (    System.array<int>^ value);
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

This documentation was created using [Document! X](#) from Innovasys

IsLandscape Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : IsLandscape Property

Returns true if image has landscape ratio (wider than high).

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Readonly Property IsLandscape As System.Boolean  
'Usage  
  
Dim instance As KalikoImage  
Dim value As System.Boolean  
  
value = instance.IsLandscape  
public System.bool IsLandscape {get;}  
public read-only property IsLandscape: System.Boolean;  
public function get IsLandscape : System.boolean  
public: __property System.bool get_IsLandscape();  
public:  
property System.bool IsLandscape {  
    System.bool get();  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

This documentation was created using [Document! X](#) from Innovasys

IsPortrait Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : IsPortrait Property

Returns true if image has portrait ratio (higher than wide).

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Readonly Property IsPortrait As System.Boolean
'Usage

Dim instance As KalikoImage
Dim value As System.Boolean

value = instance.IsPortrait
public System.bool IsPortrait {get;}
public read-only property IsPortrait: System.Boolean;
public function get IsPortrait : System.boolean
public: __property System.bool get_IsPortrait();
public:
property System.bool IsPortrait {
    System.bool get();
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

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IsSquare Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : IsSquare Property

Returns true if image has a 1:1 ratio (same width and height).

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Readonly Property IsSquare As System.Boolean  
'Usage  
  
Dim instance As KalikoImage  
Dim value As System.Boolean  
  
value = instance.IsSquare  
public System.bool IsSquare {get;}  
public read-only property IsSquare: System.Boolean;  
public function get IsSquare : System.boolean  
public: __property System.bool get_IsSquare();  
public:  
property System.bool IsSquare {  
    System.bool get();  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

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Size Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : Size Property

Size of the image

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Readonly Property Size As System.Drawing.Size
'Usage

Dim instance As KalikoImage
Dim value As System.Drawing.Size

value = instance.Size
public System.Drawing.Size Size {get;}
public read-only property Size: System.Drawing.Size;
public function get Size : System.Drawing.Size
public: __property System.Drawing.Size get_Size();
public:
property System.Drawing.Size Size {
    System.Drawing.Size get();
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

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TextRenderingHint Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : TextRenderingHint Property

Rendering mode for text operations.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property TextRenderingHint As System.Drawing.Text.TextRende
'Usage

Dim instance As KalikoImage
Dim value As System.Drawing.Text.TextRenderingHint

instance.TextRenderingHint = value

value = instance.TextRenderingHint
public System.Drawing.Text.TextRenderingHint TextRenderingHint {ge
public read-write property TextRenderingHint: System.Drawing.Text.
public function get, set TextRenderingHint : System.Drawing.Text.Te
public: __property System.Drawing.Text.TextRenderingHint get_TextR
public: __property void set_TextRenderingHint(
    System.Drawing.Text.TextRenderingHint value
);
public:
property System.Drawing.Text.TextRenderingHint TextRenderingHint {
    System.Drawing.Text.TextRenderingHint get();
    void set (    System.Drawing.Text.TextRenderingHint value);
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)

[KalikoImage Members](#)

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Width Property (KalikoImage)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary Namespace > [KalikoImage Class](#) : Width Property

Image width.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Readonly Property Width As System.Integer  
'Usage  
  
Dim instance As KalikoImage  
Dim value As System.Integer  
  
value = instance.Width  
public System.int Width {get;}  
public read-only property Width: System.Integer;  
public function get Width : System.int  
public: __property System.int get_Width();  
public:  
property System.int Width {  
    System.int get();  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[KalikoImage Class](#)
[KalikoImage Members](#)

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Kaliko.ImageLibrary.ColorSpace Namespace

[Inheritance Hierarchy](#) ▾ [Collapse All](#)

► Classes

	Class	Description
	ColorSpaceHelper	Provides methods to convert from a color space to another.

► Structures

	Structure	Description
	CIELab	Structure to define CIE L*a*b*.
	CIEXYZ	Structure to define CIE XYZ.
	CMYK	Structure to define CMYK.
	HSB	Structure to define HSB.
	HSL	Structure to define HSL.
	RGB	Structure to define RGB.
	YUV	Structure to define YUV.

► See Also

Reference

[Kaliko.ImageLibrary Assembly](#)

Kaliko.ImageLibrary

ColorSpaceHelper Class

[Members](#) ▶ [Collapse All](#) ▶ [Language Filter: All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : ColorSpaceHelper Class

Provides methods to convert from a color space to an other.

Object Model

ColorSpaceHelper

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public NotInheritable Class ColorSpaceHelper  
'Usage  
  
Dim instance As ColorSpaceHelper  
public sealed class ColorSpaceHelper  
public class ColorSpaceHelper sealed;  
public sealed class ColorSpaceHelper  
public __gc __sealed class ColorSpaceHelper  
public ref class ColorSpaceHelper sealed
```

Inheritance Hierarchy

System.Object

Kaliko.ImageLibrary.ColorSpace.ColorSpaceHelper

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ColorSpaceHelper Members](#)
[Kaliko.ImageLibrary.ColorSpace Namespace](#)

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ColorSpaceHelper Class Members

[Methods](#) ▾ [Collapse All](#) ▾ [Members Options: Show All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : ColorSpaceHelper Class

The following tables list the members exposed by [ColorSpaceHelper](#).

► Public Methods

	Name	Description
≡♦ S	CMYKtoColor	Overloaded. Converts CMYK to RGB.
≡♦ S	CMYKtoHSB	Converts CMYK to HSB.
≡♦ S	CMYKtoHSL	Converts CMYK to HSL.
≡♦ S	CMYKtoRGB	Overloaded. Converts CMYK to RGB.
≡♦ S	CMYKtoYUV	Converts CMYK to YUV.
≡♦ S	GetColorDistance	Overloaded. Gets the "distance" between two colors. RGB colors must be normalized (eg. values in [0.0, 1.0]).
≡♦ S	GetSpectrumColors	Overloaded. Gets visible spectrum colors.
≡♦ S	GetWheelColors	Gets visible colors (color wheel).
≡♦ S	HexToColor	Converts a Hex color to a .net Color.
≡♦ S	HSBtoCMYK	Converts HSB to CMYK.
≡♦ S	HSBtoColor	Overloaded. Converts HSB to Color.
≡♦ S	HSBtoHSL	Converts HSB to HSL.
≡♦ S	HSBtoRGB	Overloaded. Converts HSB to RGB.
≡♦ S	HSBtoYUV	Converts HSB to CMYK.
≡♦ S	HSLtoCMYK	Converts HSL to CMYK.
≡♦ S	HSLtoColor	Overloaded. Converts HSL to .net Color.
≡♦ S	HSLtoHSB	Converts HSL to HSB.
≡♦ S	HSLtoRGB	Overloaded. Converts HSL to RGB.

≡ S	HSLtoYUV	Converts HSL to YUV.
≡ S	LabtoRGB	Overloaded. Converts CIELab to RGB.
≡ S	LabtoXYZ	Overloaded. Converts CIELab to CIEXYZ.
≡ S	RGBtoCMYK	Overloaded. Converts RGB to CMYK
≡ S	RGBToHex	Overloaded. Converts a RGB color format to an hexadecimal color.
≡ S	RGBtoHSB	Overloaded. Converts RGB to HSB.
≡ S	RGBtoHSL	Overloaded. Converts RGB to HSL.
≡ S	RGBtoLab	Overloaded. Converts RGB to CIELab.
≡ S	RGBtoXYZ	Overloaded. Converts RGB to CIE XYZ (CIE 1931 color space)
≡ S	RGBtoYUV	Overloaded. Converts RGB to YUV.
≡ S	XYZtoLab	Overloaded. Converts CIEXYZ to CIELab structure.
≡ S	XYZtoRGB	Overloaded. Converts CIEXYZ to RGB structure.
≡ S	YUVtoCMYK	Converts YUV to CMYK.
≡ S	YUVtoColor	Overloaded. Converts YUV to a .net Color.
≡ S	YUVtoHSB	Converts YUV to HSB.
≡ S	YUVtoHSL	Converts YUV to HSL.
≡ S	YUVtoRGB	Overloaded. Converts YUV to RGB.

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▲ See Also

Reference

[ColorSpaceHelper Class](#)
[Kaliko.ImageLibrary.ColorSpace Namespace](#)

ColorSpaceHelper Class Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : ColorSpaceHelper Class

For a list of all members of this type, see [ColorSpaceHelper members](#).

► Public Methods

	Name	Description
≡♦ S	CMYKtoColor	Overloaded. Converts CMYK to RGB.
≡♦ S	CMYKtoHSB	Converts CMYK to HSB.
≡♦ S	CMYKtoHSL	Converts CMYK to HSL.
≡♦ S	CMYKtoRGB	Overloaded. Converts CMYK to RGB.
≡♦ S	CMYKtoYUV	Converts CMYK to YUV.
≡♦ S	GetColorDistance	Overloaded. Gets the "distance" between two colors. RGB colors must be normalized (eg. values in [0.0, 1.0]).
≡♦ S	GetSpectrumColors	Overloaded. Gets visible spectrum colors.
≡♦ S	GetWheelColors	Gets visible colors (color wheel).
≡♦ S	HexToColor	Converts a Hex color to a .net Color.
≡♦ S	HSBtoCMYK	Converts HSB to CMYK.
≡♦ S	HSBtoColor	Overloaded. Converts HSB to Color.
≡♦ S	HSBtoHSL	Converts HSB to HSL.
≡♦ S	HSBtoRGB	Overloaded. Converts HSB to RGB.
≡♦ S	HSBtoYUV	Converts HSB to CMYK.
≡♦ S	HSLtoCMYK	Converts HSL to CMYK.
≡♦ S	HSLtoColor	Overloaded. Converts HSL to .net Color.
≡♦ S	HSLtoHSB	Converts HSL to HSB.
≡♦ S	HSLtoRGB	Overloaded. Converts HSL to RGB.

≡ S	HSLtoYUV	Converts HSL to YUV.
≡ S	LabtoRGB	Overloaded. Converts CIELab to RGB.
≡ S	LabtoXYZ	Overloaded. Converts CIELab to CIEXYZ.
≡ S	RGBtoCMYK	Overloaded. Converts RGB to CMYK
≡ S	RGBToHex	Overloaded. Converts a RGB color format to an hexadecimal color.
≡ S	RGBtoHSB	Overloaded. Converts RGB to HSB.
≡ S	RGBtoHSL	Overloaded. Converts RGB to HSL.
≡ S	RGBtoLab	Overloaded. Converts RGB to CIELab.
≡ S	RGBtoXYZ	Overloaded. Converts RGB to CIE XYZ (CIE 1931 color space)
≡ S	RGBtoYUV	Overloaded. Converts RGB to YUV.
≡ S	XYZtoLab	Overloaded. Converts CIEXYZ to CIELab structure.
≡ S	XYZtoRGB	Overloaded. Converts CIEXYZ to RGB structure.
≡ S	YUVtoCMYK	Converts YUV to CMYK.
≡ S	YUVtoColor	Overloaded. Converts YUV to a .net Color.
≡ S	YUVtoHSB	Converts YUV to HSB.
≡ S	YUVtoHSL	Converts YUV to HSL.
≡ S	YUVtoRGB	Overloaded. Converts YUV to RGB.

[Top](#)

▲ See Also

Reference

[ColorSpaceHelper Class](#)
[Kaliko.ImageLibrary.ColorSpace Namespace](#)

CMYKtoColor Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : CMYKtoColor Method

Converts CMYK to RGB.

► Overload List

Overload	Description
CMYKtoColor(Single,Single,Single,Single)	Converts CMYK to RGB.
CMYKtoColor(Double,Double,Double,Double)	Converts CMYK to RGB.
CMYKtoColor(CMYK)	Converts CMYK to RGB.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

CMYKtoColor(Single,Single,Single,Single) Method

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [CMYKtoColor Method](#) : CMYKtoColor(Single,Single,Single,Single) Method

Converts CMYK to RGB.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function CMYKtoColor( _  
    ByVal c As System.Single, _  
    ByVal m As System.Single, _  
    ByVal y As System.Single, _  
    ByVal k As System.Single _  
) As System.Drawing.Color
```

'Usage

```
Dim c As System.Single  
Dim m As System.Single  
Dim y As System.Single  
Dim k As System.Single  
Dim value As System.Drawing.Color  
  
value = ColorSpaceHelper.CMYKtoColor(c, m, y, k)  
public static System.Drawing.Color CMYKtoColor(  
    System.float c,  
    System.float m,  
    System.float y,  
    System.float k  
)
```

```
public function CMYKtoColor(  
    c: System.Single;  
    m: System.Single;  
    y: System.Single;  
    k: System.Single  
) : System.Drawing.Color; static;  
public static function CMYKtoColor(  
    c : System.float,  
    m : System.float,  
    y : System.float,  
    k : System.float  
) : System.Drawing.Color;  
public static System.Drawing.Color CMYKtoColor(  
    System.float c,  
    System.float m,  
    System.float y,  
    System.float k  
)  
public:  
static System.Drawing.Color CMYKtoColor(  
    System.float c,  
    System.float m,  
    System.float y,  
    System.float k  
)
```

Parameters

c

Cyan value (must be between 0 and 1).

m

Magenta value (must be between 0 and 1).

y

Yellow value (must be between 0 and 1).

k

Black value (must be between 0 and 1).

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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CMYKtoColor(Double,Double,Double,Double) Method

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [CMYKtoColor Method : CMYKtoColor\(Double,Double,Double\) Method](#)

Converts CMYK to RGB.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function CMYKtoColor( _  
    ByVal c As System.Double, _  
    ByVal m As System.Double, _  
    ByVal y As System.Double, _  
    ByVal k As System.Double _  
) As System.Drawing.Color
```

'Usage

```
Dim c As System.Double  
Dim m As System.Double  
Dim y As System.Double  
Dim k As System.Double  
Dim value As System.Drawing.Color  
  
value = ColorSpaceHelper.CMYKtoColor(c, m, y, k)  
public static System.Drawing.Color CMYKtoColor(  
    System.double c,  
    System.double m,  
    System.double y,  
    System.double k  
)
```

```
public function CMYKtoColor(  
    c: System.Double;  
    m: System.Double;  
    y: System.Double;  
    k: System.Double  
) : System.Drawing.Color; static;  
public static function CMYKtoColor(  
    c : System.double,  
    m : System.double,  
    y : System.double,  
    k : System.double  
) : System.Drawing.Color;  
public static System.Drawing.Color CMYKtoColor(  
    System.double c,  
    System.double m,  
    System.double y,  
    System.double k  
)  
public:  
static System.Drawing.Color CMYKtoColor(  
    System.double c,  
    System.double m,  
    System.double y,  
    System.double k  
)
```

Parameters

c

Cyan value (must be between 0 and 1).

m

Magenta value (must be between 0 and 1).

y

Yellow value (must be between 0 and 1).

k

Black value (must be between 0 and 1).

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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CMYKtoColor(CMYK) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > CMYKtoColor Method : CMYKtoColor(CMYK) Method

Converts CMYK to RGB.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function CMYKtoColor( _
    ByVal cmyk As CMYK _
) As System.Drawing.Color
'Usage

Dim cmyk As CMYK
Dim value As System.Drawing.Color

value = ColorSpaceHelper.CMYKtoColor(cmyk)
public static System.Drawing.Color CMYKtoColor(
    CMYK cmyk
)
public function CMYKtoColor(
    cmyk: CMYK
): System.Drawing.Color; static;
public static function CMYKtoColor(
    cmyk : CMYK
) : System.Drawing.Color;
public: static System.Drawing.Color CMYKtoColor(
    CMYK cmyk
)
public:
static System.Drawing.Color CMYKtoColor(
    CMYK cmyk
```

)

Parameters

cmyk

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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CMYKtoHSB Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : CMYKtoHSB Method

Converts CMYK to HSB.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Shared Function CMYKtoHSB( _
    ByVal c As System.Double, _
    ByVal m As System.Double, _
    ByVal y As System.Double, _
    ByVal k As System.Double _
) As HSB
'Usage

Dim c As System.Double
Dim m As System.Double
Dim y As System.Double
Dim k As System.Double
Dim value As HSB

value = ColorSpaceHelper.CMYKtoHSB(c, m, y, k)
public static HSB CMYKtoHSB(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
public function CMYKtoHSB(
    c: System.Double;
    m: System.Double;
    y: System.Double;
```

```
    k: System.Double
): HSB; static;
public static function CMYKtoHSB(
    c : System.double,
    m : System.double,
    y : System.double,
    k : System.double
) : HSB;
public: static HSB CMYKtoHSB(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
public:
static HSB CMYKtoHSB(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
```

Parameters

c

m

y

k

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

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CMYKtoHSL Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : CMYKtoHSL Method

Converts CMYK to HSL.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Shared Function CMYKtoHSL( _
    ByVal c As System.Double, _
    ByVal m As System.Double, _
    ByVal y As System.Double, _
    ByVal k As System.Double _
) As HSL
'Usage

Dim c As System.Double
Dim m As System.Double
Dim y As System.Double
Dim k As System.Double
Dim value As HSL

value = ColorSpaceHelper.CMYKtoHSL(c, m, y, k)
public static HSL CMYKtoHSL(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
public function CMYKtoHSL(
    c: System.Double;
    m: System.Double;
    y: System.Double;
```

```
    k: System.Double
): HSL; static;
public static function CMYKtoHSL(
    c : System.double,
    m : System.double,
    y : System.double,
    k : System.double
) : HSL;
public: static HSL CMYKtoHSL(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
public:
static HSL CMYKtoHSL(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
```

Parameters

c

m

y

k

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

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CMYKtoRGB Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : CMYKtoRGB Method

Converts CMYK to RGB.

► Overload List

Overload	Description
CMYKtoRGB(Double,Double,Double,Double)	Converts CMYK to RGB.
CMYKtoRGB(CMYK)	Converts CMYK to RGB.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

CMYKtoRGB(Double,Double,Double,Double) Method

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > **CMYKtoRGB Method :**
CMYKtoRGB(Double,Double,Double,Double) Method

Converts CMYK to RGB.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function CMYKtoRGB( _  
    ByVal c As System.Double, _  
    ByVal m As System.Double, _  
    ByVal y As System.Double, _  
    ByVal k As System.Double _  
) As RGB  
'Usage
```

```
Dim c As System.Double  
Dim m As System.Double  
Dim y As System.Double  
Dim k As System.Double  
Dim value As RGB  
  
value = ColorSpaceHelper.CMYKtoRGB(c, m, y, k)  
public static RGB CMYKtoRGB(  
    System.double c,  
    System.double m,  
    System.double y,  
    System.double k  
)
```

```
public function CMYKtoRGB(  
    c: System.Double;  
    m: System.Double;  
    y: System.Double;  
    k: System.Double  
): RGB; static;  
public static function CMYKtoRGB(  
    c : System.double,  
    m : System.double,  
    y : System.double,  
    k : System.double  
) : RGB;  
public static RGB CMYKtoRGB(  
    System.double c,  
    System.double m,  
    System.double y,  
    System.double k  
)  
public:  
static RGB CMYKtoRGB(  
    System.double c,  
    System.double m,  
    System.double y,  
    System.double k  
)
```

Parameters

c

Cyan value (must be between 0 and 1).

m

Magenta value (must be between 0 and 1).

y

Yellow value (must be between 0 and 1).

k

Black value (must be between 0 and 1).

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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CMYKtoRGB(CMYK) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > CMYKtoRGB Method : CMYKtoRGB(CMYK) Method

Converts CMYK to RGB.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function CMYKtoRGB( _
    ByVal cmyk As CMYK _
) As RGB
```

'Usage

```
Dim cmyk As CMYK
Dim value As RGB

value = ColorSpaceHelper.CMYKtoRGB(cmyk)
public static RGB CMYKtoRGB(
    CMYK cmyk
)
public function CMYKtoRGB(
    cmyk: CMYK
): RGB; static;
public static function CMYKtoRGB(
    cmyk : CMYK
) : RGB;
public: static RGB CMYKtoRGB(
    CMYK cmyk
)
public:
static RGB CMYKtoRGB(
    CMYK cmyk
```

)

Parameters

cmyk

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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CMYKtoYUV Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : CMYKtoYUV Method

Converts CMYK to YUV.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared Function CMYKtoYUV( _
    ByVal c As System.Double, _
    ByVal m As System.Double, _
    ByVal y As System.Double, _
    ByVal k As System.Double _
) As YUV
'Usage

Dim c As System.Double
Dim m As System.Double
Dim y As System.Double
Dim k As System.Double
Dim value As YUV

value = ColorSpaceHelper.CMYKtoYUV(c, m, y, k)
public static YUV CMYKtoYUV(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
public function CMYKtoYUV(
    c: System.Double;
    m: System.Double;
    y: System.Double;
```

```
    k: System.Double
): YUV; static;
public static function CMYKtoYUV(
    c : System.double,
    m : System.double,
    y : System.double,
    k : System.double
) : YUV;
public: static YUV CMYKtoYUV(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
public:
static YUV CMYKtoYUV(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
```

Parameters

c

m

y

k

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

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GetColorDistance Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : GetColorDistance Method

Gets the "distance" between two colors. RGB colors must be normalized (eg. values in [0.0, 1.0]).

« Overload List

Overload	Description
GetColorDistance(Double,Double,Double,Double,Double)	Gets the "distance" between two colors RGB colors must be normalized (eg. values in [0.0, 1.0]).
GetColorDistance(Double[],Double[])	Gets the "distance" between two colors RGB colors must be normalized (eg. values in [0.0, 1.0]).
GetColorDistance(Color,Color)	Gets the "distance"

between
two colors

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

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GetColorDistance(Double,Double,Double,Double,Double) Method

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [GetColorDistance Method](#) :
GetColorDistance(Double,Double,Double,Double,Double) Method

Gets the "distance" between two colors. RGB colors must be normalized (eg. values in [0.0, 1.0]).

◀ Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function GetColorDistance( _
    ByVal r1 As System.Double, _
    ByVal g1 As System.Double, _
    ByVal b1 As System.Double, _
    ByVal r2 As System.Double, _
    ByVal g2 As System.Double, _
    ByVal b2 As System.Double _
) As System.Double
```

'Usage

```
Dim r1 As System.Double
Dim g1 As System.Double
Dim b1 As System.Double
Dim r2 As System.Double
Dim g2 As System.Double
Dim b2 As System.Double
Dim value As System.Double
```

```
value = ColorSpaceHelper.GetColorDistance(r1, g1, b1, r2, g2, b2)
public static System.double GetColorDistance(
```

```

        System.double r1,
        System.double g1,
        System.double b1,
        System.double r2,
        System.double g2,
        System.double b2
    )
    public function GetColorDistance(
        r1: System.Double;
        g1: System.Double;
        b1: System.Double;
        r2: System.Double;
        g2: System.Double;
        b2: System.Double
    ): System.Double; static;
    public static function GetColorDistance(
        r1 : System.double,
        g1 : System.double,
        b1 : System.double,
        r2 : System.double,
        g2 : System.double,
        b2 : System.double
    ) : System.double;
    public static System.double GetColorDistance(
        System.double r1,
        System.double g1,
        System.double b1,
        System.double r2,
        System.double g2,
        System.double b2
    )
    public:
    static System.double GetColorDistance(
        System.double r1,
        System.double g1,
        System.double b1,
        System.double r2,
        System.double g2,
        System.double b2
    )

```

Parameters

r1

First color red component.

g1

First color green component.

- b1* First color blue component.
- r2* Second color red component.
- g2* Second color green component.
- b2* Second color blue component.

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)
[Overload List](#)

GetColorDistance(Double[],Double[])

Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [GetColorDistance Method](#) : GetColorDistance(Double[],Double[]) Method

Gets the "distance" between two colors. RGB colors must be normalized (eg. values in [0.0, 1.0]).

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function GetColorDistance( _
    ByVal color1() As System.Double, _
    ByVal color2() As System.Double _
) As System.Double
```

'Usage

```
Dim color1() As System.Double
Dim color2() As System.Double
Dim value As System.Double

value = ColorSpaceHelper.GetColorDistance(color1, color2)
public static System.double GetColorDistance(
    System.double[] color1,
    System.double[] color2
)
public function GetColorDistance(
    color1: System.Doublearray of;
    color2: System.Doublearray of
): System.Double; static;
public static function GetColorDistance(
```

```
    color1 : System.double[],  
    color2 : System.double[]  
) : System.double;  
public: static System.double GetColorDistance(  
    System.double[]* color1,  
    System.double[]* color2  
)  
public:  
static System.double GetColorDistance(  
    System.array<double>^ color1,  
    System.array<double>^ color2  
)
```

Parameters

color1

First color [r,g,b]

color2

Second color [r,g,b]

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

GetColorDistance(Color,Color) Method

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [GetColorDistance Method](#) : GetColorDistance(Color,Color) Method

Gets the "distance" between two colors.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function GetColorDistance( _  
    ByVal c1 As System.Drawing.Color, _  
    ByVal c2 As System.Drawing.Color _  
) As System.Double
```

'Usage

```
Dim c1 As System.Drawing.Color  
Dim c2 As System.Drawing.Color  
Dim value As System.Double  
  
value = ColorSpaceHelper.GetColorDistance(c1, c2)  
public static System.double GetColorDistance(  
    System.Drawing.Color c1,  
    System.Drawing.Color c2  
)  
public function GetColorDistance(  
    c1: System.Drawing.Color;  
    c2: System.Drawing.Color  
) : System.Double; static;  
public static function GetColorDistance(  
    c1 : System.Drawing.Color,  
    c2 : System.Drawing.Color  
) : System.double;  
public: static System.double GetColorDistance(  
    
```

```
        System.Drawing.Color c1,  
        System.Drawing.Color c2  
    )  
    public:  
        static System.double GetColorDistance(  
            System.Drawing.Color c1,  
            System.Drawing.Color c2  
        )
```

Parameters

c1

c2

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

GetSpectrumColors Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : GetSpectrumColors Method

Gets visible spectrum colors.

► Overload List

Overload	Description
GetSpectrumColors(Int32)	Gets visible spectrum colors.
GetSpectrumColors()	Gets visible spectrum colors.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)

GetSpectrumColors(Int32) Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > GetSpectrumColors Method : GetSpectrumColors(Int32) Method

Gets visible spectrum colors.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function GetSpectrumColors( _
    ByVal alpha As System.Integer _
) As System.Drawing.Color()  
'Usage  
  
Dim alpha As System.Integer
Dim value() As System.Drawing.Color  
  
value = ColorSpaceHelper.GetSpectrumColors(alpha)
public static System.Drawing.Color[] GetSpectrumColors(
    System.int alpha
)
public function GetSpectrumColors(
    alpha: System.Integer
): System.Drawing.array of Color; static;
public static function GetSpectrumColors(
    alpha : System.int
) : System.Drawing.Color[];
public: static System.Drawing.Color[]* GetSpectrumColors(
    System.int alpha
)
public:  
static System.Drawing.array<Color>^ GetSpectrumColors(
    System.int alpha
```

)

Parameters

alpha

The alpha value used for each colors.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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GetSpectrumColors() Method

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [GetSpectrumColors Method](#) : GetSpectrumColors() Method

Gets visible spectrum colors.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function GetSpectrumColors() As System.Drawing.Color  
'Usage  
Dim value() As System.Drawing.Color  
  
value = ColorSpaceHelper.GetSpectrumColors()  
public static System.Drawing.Color[] GetSpectrumColors()  
public function GetSpectrumColors(): System.Drawing.array of Color  
public static function GetSpectrumColors() : System.Drawing.Color[  
public: static System.Drawing.Color[]* GetSpectrumColors();  
public:  
static System.Drawing.array<Color>^ GetSpectrumColors();
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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GetWheelColors Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : GetWheelColors Method

Gets visible colors (color wheel).

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Shared Function GetWheelColors( _
    ByVal alpha As System.Integer _
) As System.Drawing.Color()
'Usage

Dim alpha As System.Integer
Dim value() As System.Drawing.Color

value = ColorSpaceHelper.GetWheelColors(alpha)
public static System.Drawing.Color[] GetWheelColors(
    System.int alpha
)
public function GetWheelColors(
    alpha: System.Integer
): System.Drawing.array of Color; static;
public static function GetWheelColors(
    alpha : System.int
) : System.Drawing.Color[];
public: static System.Drawing.Color[]* GetWheelColors(
    System.int alpha
)
public:
static System.Drawing.array<Color>^ GetWheelColors(
    System.int alpha
)
```

Parameters

alpha

The alpha value used for each colors.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

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HexToColor Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : HexToColor Method

Converts a Hex color to a .net Color.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared Function HexToColor( _
    ByVal hexColor As System.String _
) As System.Drawing.Color
'Usage

Dim hexColor As System.String
Dim value As System.Drawing.Color

value = ColorSpaceHelper.HexToColor(hexColor)
public static System.Drawing.Color HexToColor(
    System.string hexColor
)
public function HexToColor(
    hexColor: System.String
): System.Drawing.Color; static;
public static function HexToColor(
    hexColor : System.String
) : System.Drawing.Color;
public: static System.Drawing.Color HexToColor(
    System.string* hexColor
)
public:
static System.Drawing.Color HexToColor(
    System.String^ hexColor
)
```

Parameters

hexColor

The desired hexadecimal color to convert.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

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HSBtoCMYK Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : HSBtoCMYK Method

Converts HSB to CMYK.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared Function HSBtoCMYK( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal b As System.Double _
) As CMYK
'Usage
Dim h As System.Double
Dim s As System.Double
Dim b As System.Double
Dim value As CMYK

value = ColorSpaceHelper.HSBtoCMYK(h, s, b)
public static CMYK HSBtoCMYK(
    System.double h,
    System.double s,
    System.double b
)
public function HSBtoCMYK(
    h: System.Double;
    s: System.Double;
    b: System.Double
): CMYK; static;
public static function HSBtoCMYK(
    h : System.double,
```

```
    s : System.double,
    b : System.double
) : CMYK;
public: static CMYK HSBtoCMYK(
    System.double h,
    System.double s,
    System.double b
)
public:
static CMYK HSBtoCMYK(
    System.double h,
    System.double s,
    System.double b
)
```

Parameters

h
s
b

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)

HSBtoColor Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : HSBtoColor Method

Converts HSB to Color.

► Overload List

Overload	Description
HSBtoColor(HSB)	Converts HSB to Color.
HSBtoColor(Double,Double,Double)	Converts HSB to a .net Color.
HSBtoColor(Int32,Int32,Int32)	Converts HSB to Color.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

HSBtoColor(HSB) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > HSBtoColor Method : HSBtoColor(HSB) Method

Converts HSB to Color.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function HSBtoColor( _
    ByVal hsb As HSB _
) As System.Drawing.Color
'Usage

Dim hsb As HSB
Dim value As System.Drawing.Color

value = ColorSpaceHelper.HSBtoColor(hsb)
public static System.Drawing.Color HSBtoColor(
    HSB hsb
)
public function HSBtoColor(
    hsb: HSB
): System.Drawing.Color; static;
public static function HSBtoColor(
    hsb : HSB
) : System.Drawing.Color;
public: static System.Drawing.Color HSBtoColor(
    HSB hsb
)
public:
static System.Drawing.Color HSBtoColor(
    HSB hsb
```

)

Parameters

hsb

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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HSBtoColor(Double,Double,Double) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > HSBtoColor Method :
HSBtoColor(Double,Double,Double) Method

Converts HSB to a .net Color.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function HSBtoColor( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal b As System.Double _
) As System.Drawing.Color
'Usage

Dim h As System.Double
Dim s As System.Double
Dim b As System.Double
Dim value As System.Drawing.Color

value = ColorSpaceHelper.HSBtoColor(h, s, b)
public static System.Drawing.Color HSBtoColor(
    System.double h,
    System.double s,
    System.double b
)
public function HSBtoColor(
    h: System.Double;
    s: System.Double;
    b: System.Double
): System.Drawing.Color; static;
public static function HSBtoColor(
```

```
    h : System.double,
    s : System.double,
    b : System.double
) : System.Drawing.Color;
public: static System.Drawing.Color HSBtoColor(
    System.double h,
    System.double s,
    System.double b
)
public:
static System.Drawing.Color HSBtoColor(
    System.double h,
    System.double s,
    System.double b
)
```

Parameters

h

Hue value (must be between 0 and 360).

s

Saturation value (must be between 0 and 1).

b

Brightness value (must be between 0 and 1).

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)
[Overload List](#)

HSBtoColor(Int32,Int32,Int32) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [HSBtoColor Method](#) : HSBtoColor(Int32,Int32,Int32) Method

Converts HSB to Color.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function HSBtoColor( _
    ByVal h As System.Integer, _
    ByVal s As System.Integer, _
    ByVal b As System.Integer _
) As System.Drawing.Color
'Usage

Dim h As System.Integer
Dim s As System.Integer
Dim b As System.Integer
Dim value As System.Drawing.Color

value = ColorSpaceHelper.HSBtoColor(h, s, b)
public static System.Drawing.Color HSBtoColor(
    System.int h,
    System.int s,
    System.int b
)
public function HSBtoColor(
    h: System.Integer;
    s: System.Integer;
    b: System.Integer
): System.Drawing.Color; static;
public static function HSBtoColor(
```

```
    h : System.int,
    s : System.int,
    b : System.int
) : System.Drawing.Color;
public: static System.Drawing.Color HSBtoColor(
    System.int h,
    System.int s,
    System.int b
)
public:
static System.Drawing.Color HSBtoColor(
    System.int h,
    System.int s,
    System.int b
)
```

Parameters

h

Hue value.

s

Saturation value.

b

Brightness value.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)
[Overload List](#)

HSBtoHSL Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : HSBtoHSL Method

Converts HSB to HSL.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Shared Function HSBtoHSL( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal b As System.Double _
) As HSL
'Usage

Dim h As System.Double
Dim s As System.Double
Dim b As System.Double
Dim value As HSL

value = ColorSpaceHelper.HSBtoHSL(h, s, b)
public static HSL HSBtoHSL(
    System.double h,
    System.double s,
    System.double b
)
public function HSBtoHSL(
    h: System.Double;
    s: System.Double;
    b: System.Double
): HSL; static;
public static function HSBtoHSL(
    h : System.double,
```

```
    s : System.double,
    b : System.double
) : HSL;
public: static HSL HSBtoHSL(
    System.double h,
    System.double s,
    System.double b
)
public:
static HSL HSBtoHSL(
    System.double h,
    System.double s,
    System.double b
)
```

Parameters

h
s
b

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)

HSBtoRGB Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : HSBtoRGB Method

Converts HSB to RGB.

◀ Overload List

Overload	Description
HSBtoRGB(HSB)	Converts HSB to RGB.
HSBtoRGB(Double,Double,Double)	Converts HSB to RGB.

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

HSBtoRGB(HSB) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > HSBtoRGB Method :
HSBtoRGB(HSB) Method

Converts HSB to RGB.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function HSBtoRGB( _  
    ByVal hsb As HSB _  
) As RGB  
'Usage
```

```
Dim hsb As HSB  
Dim value As RGB  
  
value = ColorSpaceHelper.HSBtoRGB(hsb)  
public static RGB HSBtoRGB(  
    HSB hsb  
)  
public function HSBtoRGB(  
    hsb: HSB  
) : RGB; static;  
public static function HSBtoRGB(  
    hsb : HSB  
) : RGB;  
public: static RGB HSBtoRGB(  
    HSB hsb  
)  
public:  
static RGB HSBtoRGB(  
    HSB hsb
```

)

Parameters

hsb

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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HSBtoRGB(Double,Double,Double) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [HSBtoRGB Method](#) :
HSBtoRGB(Double,Double,Double) Method

Converts HSB to RGB.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function HSBtoRGB( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal b As System.Double _
) As RGB
'Usage

Dim h As System.Double
Dim s As System.Double
Dim b As System.Double
Dim value As RGB

value = ColorSpaceHelper.HSBtoRGB(h, s, b)
public static RGB HSBtoRGB(
    System.double h,
    System.double s,
    System.double b
)
public function HSBtoRGB(
    h: System.Double;
    s: System.Double;
    b: System.Double
): RGB; static;
public static function HSBtoRGB(
```

```
    h : System.double,
    s : System.double,
    b : System.double
) : RGB;
public: static RGB HSBtoRGB(
    System.double h,
    System.double s,
    System.double b
)
public:
static RGB HSBtoRGB(
    System.double h,
    System.double s,
    System.double b
)
```

Parameters

h
s
b

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)
[Overload List](#)

HSBtoYUV Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : HSBtoYUV Method

Converts HSB to CMYK.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared Function HSBtoYUV( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal b As System.Double _
) As YUV
'Usage
Dim h As System.Double
Dim s As System.Double
Dim b As System.Double
Dim value As YUV

value = ColorSpaceHelper.HSBtoYUV(h, s, b)
public static YUV HSBtoYUV(
    System.double h,
    System.double s,
    System.double b
)
public function HSBtoYUV(
    h: System.Double;
    s: System.Double;
    b: System.Double
): YUV; static;
public static function HSBtoYUV(
    h : System.double,
```

```
    s : System.double,
    b : System.double
) : YUV;
public: static YUV HSBtoYUV(
    System.double h,
    System.double s,
    System.double b
)
public:
static YUV HSBtoYUV(
    System.double h,
    System.double s,
    System.double b
)
```

Parameters

h
s
b

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)

HSLtoCMYK Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : HSLtoCMYK Method

Converts HSL to CMYK.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared Function HSLtoCMYK( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal l As System.Double _
) As CMYK
'Usage
Dim h As System.Double
Dim s As System.Double
Dim l As System.Double
Dim value As CMYK

value = ColorSpaceHelper.HSLtoCMYK(h, s, l)
public static CMYK HSLtoCMYK(
    System.double h,
    System.double s,
    System.double l
)
public function HSLtoCMYK(
    h: System.Double;
    s: System.Double;
    l: System.Double
): CMYK; static;
public static function HSLtoCMYK(
    h : System.double,
```

```
    s : System.double,
    l : System.double
) : CMYK;
public: static CMYK HSLtoCMYK(
    System.double h,
    System.double s,
    System.double l
)
public:
static CMYK HSLtoCMYK(
    System.double h,
    System.double s,
    System.double l
)
```

Parameters

h
s
l

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)

HSLtoColor Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : HSLtoColor Method

Converts HSL to .net Color.

► Overload List

Overload	Description
HSLtoColor(Double,Double,Double)	Converts HSL to .net Color.
HSLtoColor(HSL)	Converts HSL to .net Color.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

HSLtoColor(Double,Double,Double) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [HSLtoColor Method : HSLtoColor\(Double,Double,Double\) Method](#)

Converts HSL to .net Color.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function HSLtoColor( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal l As System.Double _
) As System.Drawing.Color
'Usage

Dim h As System.Double
Dim s As System.Double
Dim l As System.Double
Dim value As System.Drawing.Color

value = ColorSpaceHelper.HSLtoColor(h, s, l)
public static System.Drawing.Color HSLtoColor(
    System.double h,
    System.double s,
    System.double l
)
public function HSLtoColor(
    h: System.Double;
    s: System.Double;
    l: System.Double
): System.Drawing.Color; static;
public static function HSLtoColor(
```

```
    h : System.double,
    s : System.double,
    l : System.double
) : System.Drawing.Color;
public: static System.Drawing.Color HSLtoColor(
    System.double h,
    System.double s,
    System.double l
)
public:
static System.Drawing.Color HSLtoColor(
    System.double h,
    System.double s,
    System.double l
)
```

Parameters

h
s
l

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)
[Overload List](#)

HSLtoColor(HSL) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > HSLtoColor Method :
HSLtoColor(HSL) Method

Converts HSL to .net Color.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function HSLtoColor( _
    ByVal hsl As HSL _
) As System.Drawing.Color
'Usage

Dim hsl As HSL
Dim value As System.Drawing.Color

value = ColorSpaceHelper.HSLtoColor(hsl)
public static System.Drawing.Color HSLtoColor(
    HSL hsl
)
public function HSLtoColor(
    hsl: HSL
): System.Drawing.Color; static;
public static function HSLtoColor(
    hsl : HSL
) : System.Drawing.Color;
public: static System.Drawing.Color HSLtoColor(
    HSL hsl
)
public:
static System.Drawing.Color HSLtoColor(
    HSL hsl
```

)

Parameters

hsl

The HSL structure to convert.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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HSLtoHSB Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : HSLtoHSB Method

Converts HSL to HSB.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared Function HSLtoHSB( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal l As System.Double _
) As HSB
'Usage

Dim h As System.Double
Dim s As System.Double
Dim l As System.Double
Dim value As HSB

value = ColorSpaceHelper.HSLtoHSB(h, s, l)
public static HSB HSLtoHSB(
    System.double h,
    System.double s,
    System.double l
)
public function HSLtoHSB(
    h: System.Double;
    s: System.Double;
    l: System.Double
): HSB; static;
public static function HSLtoHSB(
    h : System.double,
```

```
    s : System.double,
    l : System.double
) : HSB;
public: static HSB HSLtoHSB(
    System.double h,
    System.double s,
    System.double l
)
public:
static HSB HSLtoHSB(
    System.double h,
    System.double s,
    System.double l
)
```

Parameters

h
s
l

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)

HSLtoRGB Method

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) : HSLtoRGB Method

Converts HSL to RGB.

◀ Overload List

Overload	Description
HSLtoRGB(Double,Double,Double)	Converts HSL to RGB.
HSLtoRGB(HSL)	Converts HSL to RGB.

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)

HSLtoRGB(Double,Double,Double) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > HSLtoRGB Method :
HSLtoRGB(Double,Double,Double) Method

Converts HSL to RGB.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function HSLtoRGB( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal l As System.Double _
) As RGB
'Usage

Dim h As System.Double
Dim s As System.Double
Dim l As System.Double
Dim value As RGB

value = ColorSpaceHelper.HSLtoRGB(h, s, l)
public static RGB HSLtoRGB(
    System.double h,
    System.double s,
    System.double l
)
public function HSLtoRGB(
    h: System.Double;
    s: System.Double;
    l: System.Double
): RGB; static;
public static function HSLtoRGB(
```

```
    h : System.double,
    s : System.double,
    l : System.double
) : RGB;
public: static RGB HSLtoRGB(
    System.double h,
    System.double s,
    System.double l
)
public:
static RGB HSLtoRGB(
    System.double h,
    System.double s,
    System.double l
)
```

Parameters

h
Hue, must be in [0, 360].
s
Saturation, must be in [0, 1].
l
Luminance, must be in [0, 1].

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)
[Overload List](#)

HSLtoRGB(HSL) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > HSLtoRGB Method :
HSLtoRGB(HSL) Method

Converts HSL to RGB.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function HSLtoRGB( _
    ByVal hsl As HSL _ 
) As RGB
```

'Usage

```
Dim hsl As HSL
Dim value As RGB

value = ColorSpaceHelper.HSLtoRGB(hsl)
public static RGB HSLtoRGB(
    HSL hsl
)
public function HSLtoRGB(
    hsl: HSL
): RGB; static;
public static function HSLtoRGB(
    hsl : HSL
) : RGB;
public: static RGB HSLtoRGB(
    HSL hsl
)
public:
static RGB HSLtoRGB(
    HSL hsl
```

)

Parameters

hsl

The HSL structure to convert.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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HSLtoYUV Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : HSLtoYUV Method

Converts HSL to YUV.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared Function HSLtoYUV( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal l As System.Double _
) As YUV
'Usage

Dim h As System.Double
Dim s As System.Double
Dim l As System.Double
Dim value As YUV

value = ColorSpaceHelper.HSLtoYUV(h, s, l)
public static YUV HSLtoYUV(
    System.double h,
    System.double s,
    System.double l
)
public function HSLtoYUV(
    h: System.Double;
    s: System.Double;
    l: System.Double
): YUV; static;
public static function HSLtoYUV(
    h : System.double,
```

```
    s : System.double,
    l : System.double
) : YUV;
public: static YUV HSLtoYUV(
    System.double h,
    System.double s,
    System.double l
)
public:
static YUV HSLtoYUV(
    System.double h,
    System.double s,
    System.double l
)
```

Parameters

h
s
l

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)

LabtoRGB Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : LabtoRGB Method

Converts CIELab to RGB.

◀ Overload List

Overload	Description
LabtoRGB(Double,Double,Double)	Converts CIELab to RGB.
LabtoRGB(CIELab)	Converts CIELab to RGB.

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

LabtoRGB(Double,Double,Double) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [LabtoRGB Method](#) :
LabtoRGB(Double,Double,Double) Method

Converts CIELab to RGB.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function LabtoRGB( _
    ByVal l As System.Double, _
    ByVal a As System.Double, _
    ByVal b As System.Double _
) As RGB
'Usage

Dim l As System.Double
Dim a As System.Double
Dim b As System.Double
Dim value As RGB

value = ColorSpaceHelper.LabtoRGB(l, a, b)
public static RGB LabtoRGB(
    System.double l,
    System.double a,
    System.double b
)
public function LabtoRGB(
    l: System.Double;
    a: System.Double;
    b: System.Double
): RGB; static;
public static function LabtoRGB(
```

```
    l : System.double,
    a : System.double,
    b : System.double
) : RGB;
public: static RGB LabtoRGB(
    System.double l,
    System.double a,
    System.double b
)
public:
static RGB LabtoRGB(
    System.double l,
    System.double a,
    System.double b
)
```

Parameters

l
a
b

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)
[Overload List](#)

LabtoRGB(CIELab) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > LabtoRGB Method :
LabtoRGB(CIELab) Method

Converts CIELab to RGB.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function LabtoRGB( _
    ByVal lab As CIELab _
) As RGB
```

'Usage

```
Dim lab As CIELab
Dim value As RGB

value = ColorSpaceHelper.LabtoRGB(lab)
public static RGB LabtoRGB(
    CIELab lab
)
public function LabtoRGB(
    lab: CIELab
): RGB; static;
public static function LabtoRGB(
    lab : CIELab
) : RGB;
public: static RGB LabtoRGB(
    CIELab lab
)
public:
static RGB LabtoRGB(
    CIELab lab
```

)

Parameters

lab

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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LabtoXYZ Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : LabtoXYZ Method

Converts CIELab to CIEXYZ.

▪ Overload List

Overload	Description
LabtoXYZ(Double,Double,Double)	Converts CIELab to CIEXYZ.
LabtoXYZ(CIELab)	Converts CIELab to CIEXYZ.

▪ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

▪ See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)

LabtoXYZ(Double,Double,Double) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [LabtoXYZ Method](#) :
LabtoXYZ(Double,Double,Double) Method

Converts CIELab to CIEXYZ.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function LabtoXYZ( _
    ByVal l As System.Double, _
    ByVal a As System.Double, _
    ByVal b As System.Double _
) As CIEXYZ
'Usage
Dim l As System.Double
Dim a As System.Double
Dim b As System.Double
Dim value As CIEXYZ

value = ColorSpaceHelper.LabtoXYZ(l, a, b)
public static CIEXYZ LabtoXYZ(
    System.double l,
    System.double a,
    System.double b
)
public function LabtoXYZ(
    l: System.Double;
    a: System.Double;
    b: System.Double
): CIEXYZ; static;
public static function LabtoXYZ(
```

```
    l : System.double,
    a : System.double,
    b : System.double
) : CIEXYZ;
public: static CIEXYZ LabtoXYZ(
    System.double l,
    System.double a,
    System.double b
)
public:
static CIEXYZ LabtoXYZ(
    System.double l,
    System.double a,
    System.double b
)
```

Parameters

l
a
b

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)
[Overload List](#)

LabtoXYZ(CIELab) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > LabtoXYZ Method :
LabtoXYZ(CIELab) Method

Converts CIELab to CIEXYZ.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function LabtoXYZ( _  
    ByVal lab As CIELab _  
) As CIEXYZ  
'Usage
```

```
Dim lab As CIELab  
Dim value As CIEXYZ  
  
value = ColorSpaceHelper.LabtoXYZ(lab)  
public static CIEXYZ LabtoXYZ(  
    CIELab lab  
)  
public function LabtoXYZ(  
    lab: CIELab  
) : CIEXYZ; static;  
public static function LabtoXYZ(  
    lab : CIELab  
) : CIEXYZ;  
public: static CIEXYZ LabtoXYZ(  
    CIELab lab  
)  
public:  
static CIEXYZ LabtoXYZ(  
    CIELab lab
```

)

Parameters

lab

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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RGBtoCMYK Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : RGBtoCMYK Method

Converts RGB to CMYK

► Overload List

Overload	Description
RGBtoCMYK(Int32,Int32,Int32)	Converts RGB to CMYK
RGBtoCMYK(Color)	Converts RGB to CMYK
RGBtoCMYK(RGB)	Converts RGB to CMYK

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

RGBtoCMYK(Int32,Int32,Int32) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [RGBtoCMYK Method](#) : RGBtoCMYK(Int32,Int32,Int32) Method

Converts RGB to CMYK

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function RGBtoCMYK( _
    ByVal red As System.Integer, _
    ByVal green As System.Integer, _
    ByVal blue As System.Integer _
) As CMYK
'Usage

Dim red As System.Integer
Dim green As System.Integer
Dim blue As System.Integer
Dim value As CMYK

value = ColorSpaceHelper.RGBtoCMYK(red, green, blue)
public static CMYK RGBtoCMYK(
    System.int red,
    System.int green,
    System.int blue
)
public function RGBtoCMYK(
    red: System.Integer;
    green: System.Integer;
    blue: System.Integer
): CMYK; static;
public static function RGBtoCMYK(
```

```
    red : System.int,
    green : System.int,
    blue : System.int
) : CMYK;
public: static CMYK RGBtoCMYK(
    System.int red,
    System.int green,
    System.int blue
)
public:
static CMYK RGBtoCMYK(
    System.int red,
    System.int green,
    System.int blue
)
```

Parameters

red

Red value must be in [0, 255].

green

Green value must be in [0, 255].

blue

Blue value must be in [0, 255].

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)
[Overload List](#)

RGBtoCMYK(Color) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > RGBtoCMYK Method : RGBtoCMYK(Color) Method

Converts RGB to CMYK

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function RGBtoCMYK( _
    ByVal c As System.Drawing.Color _
) As CMYK
```

'Usage

```
Dim c As System.Drawing.Color
Dim value As CMYK

value = ColorSpaceHelper.RGBtoCMYK(c)
public static CMYK RGBtoCMYK(
    System.Drawing.Color c
)
public function RGBtoCMYK(
    c: System.Drawing.Color
): CMYK; static;
public static function RGBtoCMYK(
    c : System.Drawing.Color
) : CMYK;
public: static CMYK RGBtoCMYK(
    System.Drawing.Color c
)
public:
static CMYK RGBtoCMYK(
    System.Drawing.Color c
```

)

Parameters

c

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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RGBtoCMYK(RGB) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > RGBtoCMYK Method : RGBtoCMYK(RGB) Method

Converts RGB to CMYK

▲ Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function RGBtoCMYK( _
    ByVal rgb As RGB _
) As CMYK
```

'Usage

```
Dim rgb As RGB
Dim value As CMYK
```

```
value = ColorSpaceHelper.RGBtoCMYK(rgb)
public static CMYK RGBtoCMYK(
    RGB rgb
)
public function RGBtoCMYK(
    rgb: RGB
): CMYK; static;
public static function RGBtoCMYK(
    rgb : RGB
) : CMYK;
public: static CMYK RGBtoCMYK(
    RGB rgb
)
public:
static CMYK RGBtoCMYK(
    RGB rgb
)
```

)

Parameters

rgb

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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RGBToHex Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : RGBToHex Method

Converts a RGB color format to an hexadecimal color.

► Overload List

Overload	Description
RGBToHex(Int32,Int32,Int32)	Converts a RGB color format to an hexadecimal color.
RGBToHex(Color)	Converts a RGB color format to an hexadecimal color.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)

RGBToHex(Int32,Int32,Int32) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [RGBToHex Method](#) :
RGBToHex(Int32,Int32,Int32) Method

Converts a RGB color format to an hexadecimal color.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function RGBToHex( _
    ByVal r As System.Integer, _
    ByVal g As System.Integer, _
    ByVal b As System.Integer _
) As System.String
'Usage

Dim r As System.Integer
Dim g As System.Integer
Dim b As System.Integer
Dim value As System.String

value = ColorSpaceHelper.RGBToHex(r, g, b)
public static System.string RGBToHex(
    System.int r,
    System.int g,
    System.int b
)
public function RGBToHex(
    r: System.Integer;
    g: System.Integer;
    b: System.Integer
): System.String; static;
public static function RGBToHex(
```

```
r : System.int,
g : System.int,
b : System.int
) : System.String;
public: static System.string* RGBToHex(
    System.int r,
    System.int g,
    System.int b
)
public:
static System.String^ RGBToHex(
    System.int r,
    System.int g,
    System.int b
)
```

Parameters

r
The Red value.
g
The Green value.
b
The Blue value.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)
[Overload List](#)

RGBToHex(Color) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > RGBToHex Method :
RGBToHex(Color) Method

Converts a RGB color format to an hexadecimal color.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function RGBToHex( _
    ByVal c As System.Drawing.Color _
) As System.String
```

'Usage

```
Dim c As System.Drawing.Color
Dim value As System.String

value = ColorSpaceHelper.RGBToHex(c)
public static System.string RGBToHex(
    System.Drawing.Color c
)
public function RGBToHex(
    c: System.Drawing.Color
): System.String; static;
public static function RGBToHex(
    c : System.Drawing.Color
) : System.String;
public: static System.string* RGBToHex(
    System.Drawing.Color c
)
public:
static System.String^ RGBToHex(
    System.Drawing.Color c
```

)

Parameters

c

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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RGBtoHSB Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : RGBtoHSB Method

Converts RGB to HSB.

► Overload List

Overload	Description
RGBtoHSB(Int32,Int32,Int32)	Converts RGB to HSB.
RGBtoHSB(RGB)	Converts RGB to HSB.
RGBtoHSB(Color)	Converts RGB to HSB.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

RGBtoHSB(Int32,Int32,Int32) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [RGBtoHSB Method](#) : RGBtoHSB(Int32,Int32,Int32) Method

Converts RGB to HSB.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function RGBtoHSB( _
    ByVal red As System.Integer, _
    ByVal green As System.Integer, _
    ByVal blue As System.Integer _
) As HSB
```

'Usage

```
Dim red As System.Integer
Dim green As System.Integer
Dim blue As System.Integer
Dim value As HSB

value = ColorSpaceHelper.RGBtoHSB(red, green, blue)
public static HSB RGBtoHSB(
    System.int red,
    System.int green,
    System.int blue
)
public function RGBtoHSB(
    red: System.Integer;
    green: System.Integer;
    blue: System.Integer
): HSB; static;
public static function RGBtoHSB(
```

```
    red : System.int,
    green : System.int,
    blue : System.int
) : HSB;
public: static HSB RGBtoHSB(
    System.int red,
    System.int green,
    System.int blue
)
public:
static HSB RGBtoHSB(
    System.int red,
    System.int green,
    System.int blue
)
```

Parameters

red

green

blue

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

RGBtoHSB(RGB) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > RGBtoHSB Method :
RGBtoHSB(RGB) Method

Converts RGB to HSB.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function RGBtoHSB( _
    ByVal rgb As RGB _ 
) As HSB
'Usage

Dim rgb As RGB
Dim value As HSB

value = ColorSpaceHelper.RGBtoHSB(rgb)
public static HSB RGBtoHSB(
    RGB rgb
)
public function RGBtoHSB(
    rgb: RGB
): HSB; static;
public static function RGBtoHSB(
    rgb : RGB
) : HSB;
public: static HSB RGBtoHSB(
    RGB rgb
)
public:
static HSB RGBtoHSB(
    RGB rgb
```

)

Parameters

rgb

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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RGBtoHSB(Color) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > RGBtoHSB Method : RGBtoHSB(Color) Method

Converts RGB to HSB.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function RGBtoHSB( _
    ByVal c As System.Drawing.Color _
) As HSB
'Usage

Dim c As System.Drawing.Color
Dim value As HSB

value = ColorSpaceHelper.RGBtoHSB(c)
public static HSB RGBtoHSB(
    System.Drawing.Color c
)
public function RGBtoHSB(
    c: System.Drawing.Color
): HSB; static;
public static function RGBtoHSB(
    c : System.Drawing.Color
) : HSB;
public: static HSB RGBtoHSB(
    System.Drawing.Color c
)
public:
static HSB RGBtoHSB(
    System.Drawing.Color c
```

)

Parameters

c

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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RGBtoHSL Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : RGBtoHSL Method

Converts RGB to HSL.

► Overload List

Overload	Description
RGBtoHSL(Int32,Int32,Int32)	Converts RGB to HSL.
RGBtoHSL(RGB)	Converts RGB to HSL.
RGBtoHSL(Color)	Converts Color to HSL.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

RGBtoHSL(Int32,Int32,Int32) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [RGBtoHSL Method](#) :
RGBtoHSL(Int32,Int32,Int32) Method

Converts RGB to HSL.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function RGBtoHSL( _
    ByVal red As System.Integer, _
    ByVal green As System.Integer, _
    ByVal blue As System.Integer _
) As HSL
```

'Usage

```
Dim red As System.Integer
Dim green As System.Integer
Dim blue As System.Integer
Dim value As HSL

value = ColorSpaceHelper.RGBtoHSL(red, green, blue)
public static HSL RGBtoHSL(
    System.int red,
    System.int green,
    System.int blue
)
public function RGBtoHSL(
    red: System.Integer;
    green: System.Integer;
    blue: System.Integer
): HSL; static;
public static function RGBtoHSL(
```

```
    red : System.int,
    green : System.int,
    blue : System.int
) : HSL;
public: static HSL RGBtoHSL(
    System.int red,
    System.int green,
    System.int blue
)
public:
static HSL RGBtoHSL(
    System.int red,
    System.int green,
    System.int blue
)
```

Parameters

red

Red value, must be in [0,255].

green

Green value, must be in [0,255].

blue

Blue value, must be in [0,255].

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

RGBtoHSL(RGB) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > RGBtoHSL Method :
RGBtoHSL(RGB) Method

Converts RGB to HSL.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function RGBtoHSL( _
    ByVal rgb As RGB _ 
) As HSL
```

'Usage

```
Dim rgb As RGB
Dim value As HSL

value = ColorSpaceHelper.RGBtoHSL(rgb)
public static HSL RGBtoHSL(
    RGB rgb
)
public function RGBtoHSL(
    rgb: RGB
): HSL; static;
public static function RGBtoHSL(
    rgb : RGB
) : HSL;
public: static HSL RGBtoHSL(
    RGB rgb
)
public:
static HSL RGBtoHSL(
    RGB rgb
```

)

Parameters

rgb

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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RGBtoHSL(Color) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > RGBtoHSL Method : RGBtoHSL(Color) Method

Converts Color to HSL.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function RGBtoHSL( _
    ByVal c As System.Drawing.Color _
) As HSL
```

'Usage

```
Dim c As System.Drawing.Color
Dim value As HSL

value = ColorSpaceHelper.RGBtoHSL(c)
public static HSL RGBtoHSL(
    System.Drawing.Color c
)
public function RGBtoHSL(
    c: System.Drawing.Color
): HSL; static;
public static function RGBtoHSL(
    c : System.Drawing.Color
) : HSL;
public: static HSL RGBtoHSL(
    System.Drawing.Color c
)
public:
static HSL RGBtoHSL(
    System.Drawing.Color c
```

)

Parameters

c

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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RGBtoLab Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : RGBtoLab Method

Converts RGB to CIELab.

◀ Overload List

Overload	Description
RGBtoLab(Int32,Int32,Int32)	Converts RGB to CIELab.
RGBtoLab(RGB)	Converts RGB to CIELab.
RGBtoLab(Color)	Converts RGB to CIELab.

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

RGBtoLab(Int32,Int32,Int32) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > RGBtoLab Method :
RGBtoLab(Int32,Int32,Int32) Method

Converts RGB to CIELab.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function RGBtoLab( _
    ByVal red As System.Integer, _
    ByVal green As System.Integer, _
    ByVal blue As System.Integer _
) As CIELab
'Usage

Dim red As System.Integer
Dim green As System.Integer
Dim blue As System.Integer
Dim value As CIELab

value = ColorSpaceHelper.RGBtoLab(red, green, blue)
public static CIELab RGBtoLab(
    System.int red,
    System.int green,
    System.int blue
)
public function RGBtoLab(
    red: System.Integer;
    green: System.Integer;
    blue: System.Integer
): CIELab; static;
public static function RGBtoLab(
```

```
    red : System.int,
    green : System.int,
    blue : System.int
) : CIELab;
public: static CIELab RGBtoLab(
    System.int red,
    System.int green,
    System.int blue
)
public:
static CIELab RGBtoLab(
    System.int red,
    System.int green,
    System.int blue
)
```

Parameters

red

green

blue

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

RGBtoLab(RGB) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > RGBtoLab Method :
RGBtoLab(RGB) Method

Converts RGB to CIELab.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function RGBtoLab( _  
    ByVal rgb As RGB _  
) As CIELab  
'Usage
```

```
Dim rgb As RGB  
Dim value As CIELab  
  
value = ColorSpaceHelper.RGBtoLab(rgb)  
public static CIELab RGBtoLab(  
    RGB rgb  
)  
public function RGBtoLab(  
    rgb: RGB  
) : CIELab; static;  
public static function RGBtoLab(  
    rgb : RGB  
) : CIELab;  
public: static CIELab RGBtoLab(  
    RGB rgb  
)  
public:  
static CIELab RGBtoLab(  
    RGB rgb
```

)

Parameters

rgb

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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RGBtoLab(Color) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > RGBtoLab Method :
RGBtoLab(Color) Method

Converts RGB to CIELab.

▲ Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function RGBtoLab( _  
    ByVal color As System.Drawing.Color _  
) As CIELab  
'Usage
```

```
Dim color As System.Drawing.Color  
Dim value As CIELab  
  
value = ColorSpaceHelper.RGBtoLab(color)  
public static CIELab RGBtoLab(  
    System.Drawing.Color color  
)  
public function RGBtoLab(  
    color: System.Drawing.Color  
) : CIELab; static;  
public static function RGBtoLab(  
    color : System.Drawing.Color  
) : CIELab;  
public: static CIELab RGBtoLab(  
    System.Drawing.Color color  
)  
public:  
static CIELab RGBtoLab(  
    System.Drawing.Color color
```

)

Parameters

color

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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RGBtoXYZ Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) : RGBtoXYZ Method

Converts RGB to CIE XYZ (CIE 1931 color space)

► Overload List

Overload	Description
RGBtoXYZ(Int32,Int32,Int32)	Converts RGB to CIE XYZ (CIE 1931 color space)
RGBtoXYZ(RGB)	Converts RGB to CIEXYZ.
RGBtoXYZ(Color)	Converts RGB to CIEXYZ.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

RGBtoXYZ(Int32,Int32,Int32) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [RGBtoXYZ Method](#) : RGBtoXYZ(Int32,Int32,Int32) Method

Converts RGB to CIE XYZ (CIE 1931 color space)

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function RGBtoXYZ( _
    ByVal red As System.Integer, _
    ByVal green As System.Integer, _
    ByVal blue As System.Integer _
) As CIEXYZ
'Usage

Dim red As System.Integer
Dim green As System.Integer
Dim blue As System.Integer
Dim value As CIEXYZ

value = ColorSpaceHelper.RGBtoXYZ(red, green, blue)
public static CIEXYZ RGBtoXYZ(
    System.int red,
    System.int green,
    System.int blue
)
public function RGBtoXYZ(
    red: System.Integer;
    green: System.Integer;
    blue: System.Integer
): CIEXYZ; static;
public static function RGBtoXYZ(
```

```
    red : System.int,
    green : System.int,
    blue : System.int
) : CIEXYZ;
public: static CIEXYZ RGBtoXYZ(
    System.int red,
    System.int green,
    System.int blue
)
public:
static CIEXYZ RGBtoXYZ(
    System.int red,
    System.int green,
    System.int blue
)
```

Parameters

red

Red must be in [0, 255].

green

Green must be in [0, 255].

blue

Blue must be in [0, 255].

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)
[Overload List](#)

RGBtoXYZ(RGB) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary](#).[ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [RGBtoXYZ Method](#) : RGBtoXYZ(RGB) Method

Converts RGB to CIEXYZ.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function RGBtoXYZ( _
    ByVal rgb As RGB _ 
) As CIEXYZ
```

'Usage

```
Dim rgb As RGB
Dim value As CIEXYZ

value = ColorSpaceHelper.RGBtoXYZ(rgb)
public static CIEXYZ RGBtoXYZ(
    RGB rgb
)
public function RGBtoXYZ(
    rgb: RGB
): CIEXYZ; static;
public static function RGBtoXYZ(
    rgb : RGB
) : CIEXYZ;
public: static CIEXYZ RGBtoXYZ(
    RGB rgb
)
public:
static CIEXYZ RGBtoXYZ(
    RGB rgb
```

)

Parameters

rgb

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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RGBtoXYZ(Color) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [RGBtoXYZ Method](#) : RGBtoXYZ(Color) Method

Converts RGB to CIEXYZ.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function RGBtoXYZ( _
    ByVal c As System.Drawing.Color _
) As CIEXYZ
```

'Usage

```
Dim c As System.Drawing.Color
Dim value As CIEXYZ

value = ColorSpaceHelper.RGBtoXYZ(c)
public static CIEXYZ RGBtoXYZ(
    System.Drawing.Color c
)
public function RGBtoXYZ(
    c: System.Drawing.Color
): CIEXYZ; static;
public static function RGBtoXYZ(
    c : System.Drawing.Color
) : CIEXYZ;
public: static CIEXYZ RGBtoXYZ(
    System.Drawing.Color c
)
public:
static CIEXYZ RGBtoXYZ(
    System.Drawing.Color c
```

)

Parameters

c

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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RGBtoYUV Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : RGBtoYUV Method

Converts RGB to YUV.

► Overload List

Overload	Description
RGBtoYUV(Int32,Int32,Int32)	Converts RGB to YUV.
RGBtoYUV(Color)	Converts RGB to YUV.
RGBtoYUV(RGB)	Converts RGB to YUV.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

RGBtoYUV(Int32,Int32,Int32) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [RGBtoYUV Method](#) : RGBtoYUV(Int32,Int32,Int32) Method

Converts RGB to YUV.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function RGBtoYUV( _
    ByVal red As System.Integer, _
    ByVal green As System.Integer, _
    ByVal blue As System.Integer _
) As YUV
```

'Usage

```
Dim red As System.Integer
Dim green As System.Integer
Dim blue As System.Integer
Dim value As YUV

value = ColorSpaceHelper.RGBtoYUV(red, green, blue)
public static YUV RGBtoYUV(
    System.int red,
    System.int green,
    System.int blue
)
public function RGBtoYUV(
    red: System.Integer;
    green: System.Integer;
    blue: System.Integer
): YUV; static;
public static function RGBtoYUV(
```

```
    red : System.int,
    green : System.int,
    blue : System.int
) : YUV;
public: static YUV RGBtoYUV(
    System.int red,
    System.int green,
    System.int blue
)
public:
static YUV RGBtoYUV(
    System.int red,
    System.int green,
    System.int blue
)
```

Parameters

red

red must be in [0, 255].

green

green must be in [0, 255].

blue

blue must be in [0, 255].

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

RGBtoYUV(Color) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > RGBtoYUV Method : RGBtoYUV(Color) Method

Converts RGB to YUV.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function RGBtoYUV( _
    ByVal c As System.Drawing.Color _
) As YUV
'Usage

Dim c As System.Drawing.Color
Dim value As YUV

value = ColorSpaceHelper.RGBtoYUV(c)
public static YUV RGBtoYUV(
    System.Drawing.Color c
)
public function RGBtoYUV(
    c: System.Drawing.Color
): YUV; static;
public static function RGBtoYUV(
    c : System.Drawing.Color
) : YUV;
public: static YUV RGBtoYUV(
    System.Drawing.Color c
)
public:
static YUV RGBtoYUV(
    System.Drawing.Color c
```

)

Parameters

c

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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RGBtoYUV(RGB) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > RGBtoYUV Method : RGBtoYUV(RGB) Method

Converts RGB to YUV.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function RGBtoYUV( _
    ByVal rgb As RGB _ 
) As YUV
```

'Usage

```
Dim rgb As RGB
Dim value As YUV

value = ColorSpaceHelper.RGBtoYUV(rgb)
public static YUV RGBtoYUV(
    RGB rgb
)
public function RGBtoYUV(
    rgb: RGB
): YUV; static;
public static function RGBtoYUV(
    rgb : RGB
) : YUV;
public: static YUV RGBtoYUV(
    RGB rgb
)
public:
static YUV RGBtoYUV(
    RGB rgb
```

)

Parameters

rgb

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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XYZtoLab Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : XYZtoLab Method

Converts CIEXYZ to CIELab structure.

◀ Overload List

Overload	Description
XYZtoLab(Double,Double,Double)	Converts CIEXYZ to CIELab structure.
XYZtoLab(CIEXYZ)	Converts CIEXYZ to CIELab structure.

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

XYZtoLab(Double,Double,Double) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [XYZtoLab Method](#) : XYZtoLab(Double,Double,Double) Method

Converts CIEXYZ to CIELab structure.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function XYZtoLab( _
    ByVal x As System.Double, _
    ByVal y As System.Double, _
    ByVal z As System.Double _
) As CIELab
'Usage
Dim x As System.Double
Dim y As System.Double
Dim z As System.Double
Dim value As CIELab

value = ColorSpaceHelper.XYZtoLab(x, y, z)
public static CIELab XYZtoLab(
    System.double x,
    System.double y,
    System.double z
)
public function XYZtoLab(
    x: System.Double;
    y: System.Double;
    z: System.Double
): CIELab; static;
public static function XYZtoLab(
```

```
    x : System.double,
    y : System.double,
    z : System.double
) : CIELab;
public: static CIELab XYZtoLab(
    System.double x,
    System.double y,
    System.double z
)
public:
static CIELab XYZtoLab(
    System.double x,
    System.double y,
    System.double z
)
```

Parameters

x
y
z

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)
[Overload List](#)

XYZtoLab(CIEXYZ) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > XYZtoLab Method : XYZtoLab(CIEXYZ) Method

Converts CIEXYZ to CIELab structure.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function XYZtoLab( _
    ByVal xyz As CIEXYZ _ 
) As CIELab
'Usage

Dim xyz As CIEXYZ
Dim value As CIELab

value = ColorSpaceHelper.XYZtoLab(xyz)
public static CIELab XYZtoLab(
    CIEXYZ xyz
)
public function XYZtoLab(
    xyz: CIEXYZ
): CIELab; static;
public static function XYZtoLab(
    xyz : CIEXYZ
) : CIELab;
public: static CIELab XYZtoLab(
    CIEXYZ xyz
)
public:
static CIELab XYZtoLab(
    CIEXYZ xyz
```

)

Parameters

xyz

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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XYZtoRGB Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : XYZtoRGB Method

Converts CIEXYZ to RGB structure.

◀ Overload List

Overload	Description
XYZtoRGB(Double,Double,Double)	Converts CIEXYZ to RGB structure.
XYZtoRGB(CIEXYZ)	Converts CIEXYZ to RGB structure.

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

XYZtoRGB(Double,Double,Double) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [XYZtoRGB Method](#) : XYZtoRGB(Double,Double,Double) Method

Converts CIEXYZ to RGB structure.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function XYZtoRGB( _
    ByVal x As System.Double, _
    ByVal y As System.Double, _
    ByVal z As System.Double _
) As RGB
'Usage

Dim x As System.Double
Dim y As System.Double
Dim z As System.Double
Dim value As RGB

value = ColorSpaceHelper.XYZtoRGB(x, y, z)
public static RGB XYZtoRGB(
    System.double x,
    System.double y,
    System.double z
)
public function XYZtoRGB(
    x: System.Double;
    y: System.Double;
    z: System.Double
): RGB; static;
public static function XYZtoRGB(
```

```
    x : System.double,
    y : System.double,
    z : System.double
) : RGB;
public: static RGB XYZtoRGB(
    System.double x,
    System.double y,
    System.double z
)
public:
static RGB XYZtoRGB(
    System.double x,
    System.double y,
    System.double z
)
```

Parameters

x
y
z

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)
[Overload List](#)

XYZtoRGB(CIEXYZ) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > **XYZtoRGB Method : XYZtoRGB(CIEXYZ) Method**

Converts CIEXYZ to RGB structure.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function XYZtoRGB( _
    ByVal xyz As CIEXYZ _ 
) As RGB
```

'Usage

```
Dim xyz As CIEXYZ
Dim value As RGB

value = ColorSpaceHelper.XYZtoRGB(xyz)
public static RGB XYZtoRGB(
    CIEXYZ xyz
)
public function XYZtoRGB(
    xyz: CIEXYZ
): RGB; static;
public static function XYZtoRGB(
    xyz : CIEXYZ
) : RGB;
public: static RGB XYZtoRGB(
    CIEXYZ xyz
)
public:
static RGB XYZtoRGB(
    CIEXYZ xyz
```

)

Parameters

xyz

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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YUVtoCMYK Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : YUVtoCMYK Method

Converts YUV to CMYK.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Shared Function YUVtoCMYK( _
    ByVal y As System.Double, _
    ByVal u As System.Double, _
    ByVal v As System.Double _
) As CMYK
'Usage
Dim y As System.Double
Dim u As System.Double
Dim v As System.Double
Dim value As CMYK

value = ColorSpaceHelper.YUVtoCMYK(y, u, v)
public static CMYK YUVtoCMYK(
    System.double y,
    System.double u,
    System.double v
)
public function YUVtoCMYK(
    y: System.Double;
    u: System.Double;
    v: System.Double
): CMYK; static;
public static function YUVtoCMYK(
    y : System.double,
```

```
        u : System.double,
        v : System.double
    ) : CMYK;
public: static CMYK YUVtoCMYK(
    System.double y,
    System.double u,
    System.double v
)
public:
static CMYK YUVtoCMYK(
    System.double y,
    System.double u,
    System.double v
)
```

Parameters

y
Y must be in [0, 1].

u
U must be in [-0.436, +0.436].

v
V must be in [-0.615, +0.615].

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)

YUVtoColor Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : YUVtoColor Method

Converts YUV to a .net Color.

► Overload List

Overload	Description
YUVtoColor(Double,Double,Double)	Converts YUV to a .net Color.
YUVtoColor(YUV)	Converts YUV to a .net Color.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

YUVtoColor(Double,Double,Double) Method

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [YUVtoColor Method : YUVtoColor\(Double,Double,Double\) Method](#)

Converts YUV to a .net Color.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function YUVtoColor( _
    ByVal y As System.Double, _
    ByVal u As System.Double, _
    ByVal v As System.Double _
) As System.Drawing.Color
```

'Usage

```
Dim y As System.Double
Dim u As System.Double
Dim v As System.Double
Dim value As System.Drawing.Color
```

```
value = ColorSpaceHelper.YUVtoColor(y, u, v)
public static System.Drawing.Color YUVtoColor(
    System.double y,
    System.double u,
    System.double v
)
public function YUVtoColor(
    y: System.Double;
    u: System.Double;
```

```
    v: System.Double  
): System.Drawing.Color; static;  
public static function YUVtoColor(  
    y : System.double,  
    u : System.double,  
    v : System.double  
) : System.Drawing.Color;  
public: static System.Drawing.Color YUVtoColor(  
    System.double y,  
    System.double u,  
    System.double v  
)  
public:  
static System.Drawing.Color YUVtoColor(  
    System.double y,  
    System.double u,  
    System.double v  
)
```

Parameters

y

Y must be in [0, 1].

u

U must be in [-0.436, +0.436].

v

V must be in [-0.615, +0.615].

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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YUVtoColor(YUV) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > YUVtoColor Method : YUVtoColor(YUV) Method

Converts YUV to a .net Color.

▲ Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function YUVtoColor( _
    ByVal yuv As YUV _
) As System.Drawing.Color
'Usage

Dim yuv As YUV
Dim value As System.Drawing.Color

value = ColorSpaceHelper.YUVtoColor(yuv)
public static System.Drawing.Color YUVtoColor(
    YUV yuv
)
public function YUVtoColor(
    yuv: YUV
): System.Drawing.Color; static;
public static function YUVtoColor(
    yuv : YUV
) : System.Drawing.Color;
public: static System.Drawing.Color YUVtoColor(
    YUV yuv
)
public:
static System.Drawing.Color YUVtoColor(
    YUV yuv
```

)

Parameters

yuv

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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YUVtoHSB Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : YUVtoHSB Method

Converts YUV to HSB.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Shared Function YUVtoHSB( _
    ByVal y As System.Double, _
    ByVal u As System.Double, _
    ByVal v As System.Double _
) As HSB
'Usage
Dim y As System.Double
Dim u As System.Double
Dim v As System.Double
Dim value As HSB

value = ColorSpaceHelper.YUVtoHSB(y, u, v)
public static HSB YUVtoHSB(
    System.double y,
    System.double u,
    System.double v
)
public function YUVtoHSB(
    y: System.Double;
    u: System.Double;
    v: System.Double
): HSB; static;
public static function YUVtoHSB(
    y : System.double,
```

```
    u : System.double,
    v : System.double
) : HSB;
public: static HSB YUVtoHSB(
    System.double y,
    System.double u,
    System.double v
)
public:
static HSB YUVtoHSB(
    System.double y,
    System.double u,
    System.double v
)
```

Parameters

y
Y must be in [0, 1].

u
U must be in [-0.436, +0.436].

v
V must be in [-0.615, +0.615].

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)

YUVtoHSL Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class : YUVtoHSL Method

Converts YUV to HSL.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Shared Function YUVtoHSL( _
    ByVal y As System.Double, _
    ByVal u As System.Double, _
    ByVal v As System.Double _
) As HSL
'Usage
Dim y As System.Double
Dim u As System.Double
Dim v As System.Double
Dim value As HSL

value = ColorSpaceHelper.YUVtoHSL(y, u, v)
public static HSL YUVtoHSL(
    System.double y,
    System.double u,
    System.double v
)
public function YUVtoHSL(
    y: System.Double;
    u: System.Double;
    v: System.Double
): HSL; static;
public static function YUVtoHSL(
    y : System.double,
```

```
    u : System.double,
    v : System.double
) : HSL;
public: static HSL YUVtoHSL(
    System.double y,
    System.double u,
    System.double v
)
public:
static HSL YUVtoHSL(
    System.double y,
    System.double u,
    System.double v
)
```

Parameters

y
Y must be in [0, 1].

u
U must be in [-0.436, +0.436].

v
V must be in [-0.615, +0.615].

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)

YUVtoRGB Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [ColorSpaceHelper Class](#) : YUVtoRGB Method

Converts YUV to RGB.

► Overload List

Overload	Description
YUVtoRGB(Double,Double,Double)	Converts YUV to RGB.
YUVtoRGB(YUV)	Converts YUV to RGB.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

YUVtoRGB(Double,Double,Double) Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) > [ColorSpaceHelper Class](#) > [YUVtoRGB Method : YUVtoRGB\(Double,Double,Double\) Method](#)

Converts YUV to RGB.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Function YUVtoRGB( _
    ByVal y As System.Double, _
    ByVal u As System.Double, _
    ByVal v As System.Double _
) As RGB
'Usage
Dim y As System.Double
Dim u As System.Double
Dim v As System.Double
Dim value As RGB

value = ColorSpaceHelper.YUVtoRGB(y, u, v)
public static RGB YUVtoRGB(
    System.double y,
    System.double u,
    System.double v
)
public function YUVtoRGB(
    y: System.Double;
    u: System.Double;
    v: System.Double
): RGB; static;
public static function YUVtoRGB(
```

```
    y : System.double,
    u : System.double,
    v : System.double
) : RGB;
public: static RGB YUVtoRGB(
    System.double y,
    System.double u,
    System.double v
)
public:
static RGB YUVtoRGB(
    System.double y,
    System.double u,
    System.double v
)
```

Parameters

y
Y must be in [0, 1].

u
U must be in [-0.436, +0.436].

v
V must be in [-0.615, +0.615].

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)
[ColorSpaceHelper Members](#)
[Overload List](#)

YUVtoRGB(YUV) Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > ColorSpaceHelper Class > YUVtoRGB Method : YUVtoRGB(YUV) Method

Converts YUV to RGB.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overloads Shared Function YUVtoRGB( _
    ByVal yuv As YUV _
) As RGB
```

'Usage

```
Dim yuv As YUV
Dim value As RGB

value = ColorSpaceHelper.YUVtoRGB(yuv)
public static RGB YUVtoRGB(
    YUV yuv
)
public function YUVtoRGB(
    yuv: YUV
): RGB; static;
public static function YUVtoRGB(
    yuv : YUV
) : RGB;
public: static RGB YUVtoRGB(
    YUV yuv
)
public:
static RGB YUVtoRGB(
    YUV yuv
```

)

Parameters

yuv

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ColorSpaceHelper Class](#)

[ColorSpaceHelper Members](#)

[Overload List](#)

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CIELab Structure

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CIELab Structure

Structure to define CIE L*a*b*.

► Object Model

CIELab

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Structure CIELab
    Inherits System.ValueType
'
```

```
Dim instance As CIELab
public struct CIELab : System.ValueType
public type CIELab = class(System.ValueType)
In JScript, you can use structures in other assemblies, but you ca
public __value struct CIELab : public System.ValueType
public value class CIELab : public System.ValueType
```

► Inheritance Hierarchy

System.Object

System.ValueType

Kaliko.ImageLibrary.ColorSpace.CIELab

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CIELab Members](#)
[Kaliko.ImageLibrary.ColorSpace Namespace](#)

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CIELab Structure Members

[Fields](#) [Properties](#) [Methods](#) [Collapse All](#) [Members Options:](#) [Show All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CIELab Structure

The following tables list the members exposed by [CIELab](#).

► Public Constructors

	Name	Description
 CIELab Constructor		

[Top](#)

► Public Fields

	Name	Description
 S	Empty	Gets an empty CIELab structure.

[Top](#)

► Public Properties

	Name	Description
 A		Gets or sets a component.
 B		Gets or sets a component.
 L		Gets or sets L component.

[Top](#)

► Public Methods

	Name	Description
 Equals		
 GetHashCode		

[Top](#)

◀ Public Operators

 Equality	
 Inequality	

Top

◀ See Also

Reference

[CIELab Structure](#)
[Kaliko.ImageLibrary.ColorSpace Namespace](#)

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CIELab Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIELab Structure : CIELab Constructor

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal l As System.Double, _
    ByVal a As System.Double, _
    ByVal b As System.Double _
)
'Usage

Dim l As System.Double
Dim a As System.Double
Dim b As System.Double

Dim instance As New CIELab(l, a, b)
public CIELab(
    System.double l,
    System.double a,
    System.double b
)
public CIELab(
    l: System.Double;
    a: System.Double;
    b: System.Double
);
public function CIELab(
    l : System.double,
    a : System.double,
    b : System.double
);
public: CIELab(
```

```
        System.double l,
        System.double a,
        System.double b
    )
public:
CIELab(
    System.double l,
    System.double a,
    System.double b
)
```

Parameters

l
a
b

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[CIELab Structure](#)
[CIELab Members](#)

CIELab Structure Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CIELab Structure

For a list of all members of this type, see [CIELab members](#).

► Public Methods

	Name	Description
≡◆	Equals	
≡◆	GetHashCode	

[Top](#)

► See Also

Reference

[CIELab Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

Equals Method (CIELab)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIELab Structure : Equals Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overrides Function Equals( _
    ByVal obj As System.Object _ 
) As System.Boolean
'Usage

Dim instance As CIELab
Dim obj As System.Object
Dim value As System.Boolean

value = instance.Equals(obj)
public override System.bool Equals(
    System.object obj
)
public function Equals(
    obj: System.TObject
): System.Boolean; override;
public override function Equals(
    obj : System.Object
) : System.boolean;
public: System.bool Equals(
    System.Object* obj
) override
public:
System.bool Equals(
    System.Object^ obj
) override
```

Parameters

obj

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[CIELab Structure](#)
[CIELab Members](#)

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GetHashCode Method (CIELab)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIELab Structure : GetHashCode Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overrides Function GetHashCode() As System.Integer  
'Usage  
  
Dim instance As CIELab  
Dim value As System.Integer  
  
value = instance.GetHashCode()  
public override System.int GetHashCode()  
public function GetHashCode(): System.Integer; override;  
public override function GetHashCode() : System.int;  
public: System.int GetHashCode(); override  
public:  
System.int GetHashCode(); override
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[CIELab Structure](#)

[CIELab Members](#)

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CIELab Structure Properties

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CIELab Structure

For a list of all members of this type, see [CIELab members](#).

► Public Properties

	Name	Description
	A	Gets or sets a component.
	B	Gets or sets a component.
	L	Gets or sets L component.

[Top](#)

► See Also

Reference

[CIELab Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

A Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIELab Structure : A Property

Gets or sets a component.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property A As System.Double
'Usage

Dim instance As CIELab
Dim value As System.Double

instance.A = value

value = instance.A
public System.double A {get; set;}
public read-write property A: System.Double;
public function get, set A : System.double
public: __property System.double get_A();
public: __property void set_A(
    System.double value
);
public:
property System.double A {
    System.double get();
    void set (    System.double value);
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CIELab Structure](#)
[CIELab Members](#)

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B Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIELab Structure : B Property

Gets or sets a component.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property B As System.Double  
'Usage  
  
Dim instance As CIELab  
Dim value As System.Double  
  
instance.B = value  
  
value = instance.B  
public System.double B {get; set;}  
public read-write property B: System.Double;  
public function get, set B : System.double  
public: __property System.double get_B();  
public: __property void set_B(  
    System.double value  
);  
public:  
property System.double B {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CIELab Structure](#)
[CIELab Members](#)

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L Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIELab Structure : L Property

Gets or sets L component.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property L As System.Double  
'Usage  
  
Dim instance As CIELab  
Dim value As System.Double  
  
instance.L = value  
  
value = instance.L  
public System.double L {get; set;}  
public read-write property L: System.Double;  
public function get, set L : System.double  
public: __property System.double get_L();  
public: __property void set_L(  
    System.double value  
);  
public:  
property System.double L {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CIELab Structure](#)
[CIELab Members](#)

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CIELab Structure Fields

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CIELab Structure

For a list of all members of this type, see [CIELab members](#).

◀ Public Fields

	Name	Description
◆ S	Empty	Gets an empty CIELab structure.

[Top](#)

◀ See Also

Reference

[CIELab Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

Empty Field (CIELab)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIELab Structure : Empty Field

Gets an empty CIELab structure.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared ReadOnly Empty As CIELab
'Usage

Dim value As CIELab

value = CIELab.Empty
public static readonly CIELab Empty
public field Empty: CIELab; static; readonly
public static var Empty : CIELab;
public: static readonly CIELab Empty
public:
static readonly CIELab Empty
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[CIELab Structure](#)
[CIELab Members](#)

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Equality Operator (CIELab)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIELab Structure : Equality Operator

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Operator =( _  
    ByVal item1 As CIELab, _  
    ByVal item2 As CIELab _  
) As System.Boolean  
'Usage  
  
public System.bool operator ==(  
    CIELab item1,  
    CIELab item2  
)  
This operator type is not supported by Delphi  
This operator type is not supported by JScript  
public: System.bool op_Equality(  
    CIELab item1,  
    CIELab item2  
)  
public:  
System.bool operator ==(  
    CIELab item1,  
    CIELab item2  
)
```

Parameters

item1

item2

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CIELab Structure](#)

[CIELab Members](#)

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Inequality Operator (CIELab)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIELab Structure : Inequality Operator

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Operator <>( _
    ByVal item1 As CIELab, _
    ByVal item2 As CIELab _
) As System.Boolean
'Usage

public System.bool operator !=(
    CIELab item1,
    CIELab item2
)
This operator type is not supported by Delphi
This operator type is not supported by JScript
public: System.bool op_Inequality(
    CIELab item1,
    CIELab item2
)
public:
System.bool operator !=(
    CIELab item1,
    CIELab item2
)
```

Parameters

item1

item2

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CIELab Structure](#)

[CIELab Members](#)

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CIEXYZ Structure

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CIEXYZ Structure

Structure to define CIE XYZ.

Object Model

CIEXYZ

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Structure CIEXYZ  
    Inherits System.ValueType
```

'Usage

```
Dim instance As CIEXYZ  
public struct CIEXYZ : System.ValueType  
public type CIEXYZ = class(System.ValueType)  
In JScript, you can use structures in other assemblies, but you ca  
public __value struct CIEXYZ : public System.ValueType  
public value class CIEXYZ : public System.ValueType
```

Inheritance Hierarchy

System.Object

System.ValueType

Kaliko.ImageLibrary.ColorSpace.CIEXYZ

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CIEXYZ Members](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

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CIEXYZ Structure Members

[Fields](#) [Properties](#) [Methods](#) [Collapse All](#) [Members Options:](#) [Show All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CIEXYZ Structure

The following tables list the members exposed by [CIEXYZ](#).

► Public Constructors

	Name	Description
 CIEXYZ Constructor		

[Top](#)

► Public Fields

	Name	Description
  D65		Gets the CIE D65 (white) structure.
  Empty		Gets an empty CIEXYZ structure.

[Top](#)

► Public Properties

	Name	Description
 X		Gets or sets X component.
 Y		Gets or sets Y component.
 Z		Gets or sets Z component.

[Top](#)

► Public Methods

	Name	Description
 Equals		
		

[GetHashCode](#)

[Top](#)

◀ Public Operators

 Equality	
 Inequality	

[Top](#)

◀ See Also

Reference

[CIEXYZ Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

CIEXYZ Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIEXYZ Structure : CIEXYZ Constructor

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal x As System.Double, _
    ByVal y As System.Double, _
    ByVal z As System.Double _
)
'Usage

Dim x As System.Double
Dim y As System.Double
Dim z As System.Double

Dim instance As New CIEXYZ(x, y, z)
public CIEXYZ(
    System.double x,
    System.double y,
    System.double z
)
public CIEXYZ(
    x: System.Double;
    y: System.Double;
    z: System.Double
);
public function CIEXYZ(
    x : System.double,
    y : System.double,
    z : System.double
);
public: CIEXYZ(
```

```
        System.double x,
        System.double y,
        System.double z
    )
public:
CIEXYZ(
    System.double x,
    System.double y,
    System.double z
)
```

Parameters

x
y
z

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[CIEXYZ Structure](#)
[CIEXYZ Members](#)

Kaliko.ImageLibrary

CIEXYZ Structure Methods

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CIEXYZ Structure

For a list of all members of this type, see [CIEXYZ members](#).

► Public Methods

	Name	Description
≡◆	Equals	
≡◆	GetHashCode	

[Top](#)

► See Also

Reference

[CIEXYZ Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

Equals Method (CIEXYZ)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIEXYZ Structure : Equals Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overrides Function Equals( _
    ByVal obj As System.Object _ 
) As System.Boolean
'Usage

Dim instance As CIEXYZ
Dim obj As System.Object
Dim value As System.Boolean

value = instance.Equals(obj)
public override System.bool Equals(
    System.object obj
)
public function Equals(
    obj: System.TObject
): System.Boolean; override;
public override function Equals(
    obj : System.Object
) : System.boolean;
public: System.bool Equals(
    System.Object* obj
) override
public:
System.bool Equals(
    System.Object^ obj
) override
```

Parameters

obj

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[CIEXYZ Structure](#)
[CIEXYZ Members](#)

This documentation was created using [Document! X](#) from Innovasys

GetHashCode Method (CIEXYZ)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIEXYZ Structure : GetHashCode Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overrides Function GetHashCode() As System.Integer  
'Usage  
  
Dim instance As CIEXYZ  
Dim value As System.Integer  
  
value = instance.GetHashCode()  
public override System.int GetHashCode()  
public function GetHashCode(): System.Integer; override;  
public override function GetHashCode() : System.int;  
public: System.int GetHashCode(); override  
public:  
System.int GetHashCode(); override
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

CIEXYZ Structure

CIEXYZ Members

This documentation was created using [Document! X](#) from Innovasys

CIEXYZ Structure Properties

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CIEXYZ Structure

For a list of all members of this type, see [CIEXYZ members](#).

► Public Properties

	Name	Description
	X	Gets or sets X component.
	Y	Gets or sets Y component.
	Z	Gets or sets Z component.

[Top](#)

► See Also

Reference

[CIEXYZ Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

X Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIEXYZ Structure : X Property

Gets or sets X component.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property X As System.Double  
'Usage  
  
Dim instance As CIEXYZ  
Dim value As System.Double  
  
instance.X = value  
  
value = instance.X  
public System.double X {get; set;}  
public read-write property X: System.Double;  
public function get, set X : System.double  
public: __property System.double get_X();  
public: __property void set_X(  
    System.double value  
);  
public:  
property System.double X {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CIEXYZ Structure](#)

[CIEXYZ Members](#)

This documentation was created using [Document! X](#) from Innovasys

Y Property (CIEXYZ)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIEXYZ Structure : Y Property

Gets or sets Y component.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Y As System.Double  
'Usage  
  
Dim instance As CIEXYZ  
Dim value As System.Double  
  
instance.Y = value  
  
value = instance.Y  
public System.double Y {get; set;}  
public read-write property Y: System.Double;  
public function get, set Y : System.double  
public: __property System.double get_Y();  
public: __property void set_Y(  
    System.double value  
);  
public:  
property System.double Y {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CIEXYZ Structure](#)

[CIEXYZ Members](#)

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Z Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIEXYZ Structure : Z Property

Gets or sets Z component.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Z As System.Double  
'Usage  
  
Dim instance As CIEXYZ  
Dim value As System.Double  
  
instance.Z = value  
  
value = instance.Z  
public System.double Z {get; set;}  
public read-write property Z: System.Double;  
public function get, set Z : System.double  
public: __property System.double get_Z();  
public: __property void set_Z(  
    System.double value  
);  
public:  
property System.double Z {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CIEXYZ Structure](#)

[CIEXYZ Members](#)

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CIEXYZ Structure Fields

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CIEXYZ Structure

For a list of all members of this type, see [CIEXYZ members](#).

► Public Fields

	Name	Description
◆ S	D65	Gets the CIE D65 (white) structure.
◆ S	Empty	Gets an empty CIEXYZ structure.

[Top](#)

► See Also

Reference

[CIEXYZ Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

D65 Field

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [CIEXYZ Structure](#) : D65 Field

Gets the CIE D65 (white) structure.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared ReadOnly D65 As CIEXYZ
'Usage

Dim value As CIEXYZ

value = CIEXYZ.D65
public static readonly CIEXYZ D65
public field D65: CIEXYZ; static; readonly
public static var D65 : CIEXYZ;
public: static readonly CIEXYZ D65
public:
static readonly CIEXYZ D65
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[CIEXYZ Structure](#)
[CIEXYZ Members](#)

This documentation was created using [Document! X](#) from Innovasys

Empty Field (CIEXYZ)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIEXYZ Structure : Empty Field

Gets an empty CIEXYZ structure.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared ReadOnly Empty As CIEXYZ
'Usage

Dim value As CIEXYZ

value = CIEXYZ.Empty
public static readonly CIEXYZ Empty
public field Empty: CIEXYZ; static; readonly
public static var Empty : CIEXYZ;
public: static readonly CIEXYZ Empty
public:
static readonly CIEXYZ Empty
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[CIEXYZ Structure](#)
[CIEXYZ Members](#)

This documentation was created using [Document! X](#) from Innovasys

Equality Operator (CIEXYZ)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIEXYZ Structure : Equality Operator

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Operator =( _  
    ByVal item1 As CIEXYZ, _  
    ByVal item2 As CIEXYZ _  
) As System.Boolean  
'Usage  
  
public System.bool operator ==(  
    CIEXYZ item1,  
    CIEXYZ item2  
)  
This operator type is not supported by Delphi  
This operator type is not supported by JScript  
public: System.bool op_Equality(  
    CIEXYZ item1,  
    CIEXYZ item2  
)  
public:  
System.bool operator ==(  
    CIEXYZ item1,  
    CIEXYZ item2  
)
```

Parameters

item1

item2

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CIEXYZ Structure](#)

[CIEXYZ Members](#)

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Inequality Operator (CIEXYZ)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CIEXYZ Structure : Inequality Operator

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Operator <>( _
    ByVal item1 As CIEXYZ, _
    ByVal item2 As CIEXYZ _
) As System.Boolean
'Usage

public System.bool operator !=(
    CIEXYZ item1,
    CIEXYZ item2
)
This operator type is not supported by Delphi
This operator type is not supported by JScript
public: System.bool op_Inequality(
    CIEXYZ item1,
    CIEXYZ item2
)
public:
System.bool operator !=(
    CIEXYZ item1,
    CIEXYZ item2
)
```

Parameters

item1

item2

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CIEXYZ Structure](#)

[CIEXYZ Members](#)

This documentation was created using [Document! X](#) from Innovasys

CMYK Structure

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CMYK Structure

Structure to define CMYK.

► Object Model

CMYK

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Structure CMYK
    Inherits System.ValueType
'Usage
```

```
Dim instance As CMYK
public struct CMYK : System.ValueType
public type CMYK = class(System.ValueType)
In JScript, you can use structures in other assemblies, but you ca
public __value struct CMYK : public System.ValueType
public value class CMYK : public System.ValueType
```

► Inheritance Hierarchy

```
System.Object
System.ValueType
Kaliko.ImageLibrary.ColorSpace.CMYK
```

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CMYK Members](#)
[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

CMYK Structure Members

[Fields](#) [Properties](#) [Methods](#) ▶ [Collapse All](#) ▶ [Members Options: Show All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CMYK Structure

The following tables list the members exposed by [CMYK](#).

► Public Constructors

	Name	Description
≡◆	CMYK Constructor	Creates an instance of a CMYK structure.

[Top](#)

► Public Fields

	Name	Description
◆ S	Empty	Gets an empty CMYK structure;

[Top](#)

► Public Properties

	Name	Description
█	Black	
█	Cyan	
█	Magenta	
█	Yellow	

[Top](#)

► Public Methods

	Name	Description
≡◆	Equals	
≡◆		

[GetHashCode](#)

[Top](#)

◀ Public Operators

 Equality	
 Inequality	

[Top](#)

◀ See Also

Reference

[CMYK Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

CMYK Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CMYK Structure : CMYK Constructor

Creates an instance of a CMYK structure.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal c As System.Double, _
    ByVal m As System.Double, _
    ByVal y As System.Double, _
    ByVal k As System.Double _
)
'Usage

Dim c As System.Double
Dim m As System.Double
Dim y As System.Double
Dim k As System.Double

Dim instance As New CMYK(c, m, y, k)
public CMYK(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
public CMYK(
    c: System.Double;
    m: System.Double;
    y: System.Double;
    k: System.Double
```

```
 );
public function CMYK(
    c : System.double,
    m : System.double,
    y : System.double,
    k : System.double
);
public: CMYK(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
public:
CMYK(
    System.double c,
    System.double m,
    System.double y,
    System.double k
)
```

Parameters

c
m
y
k

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[CMYK Structure](#)
[CMYK Members](#)

CMYK Structure Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CMYK Structure

For a list of all members of this type, see [CMYK members](#).

► Public Methods

	Name	Description
≡◆	Equals	
≡◆	GetHashCode	

[Top](#)

► See Also

Reference

[CMYK Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

Equals Method (CMYK)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CMYK Structure : Equals Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overrides Function Equals( _
    ByVal obj As System.Object _ 
) As System.Boolean
'Usage

Dim instance As CMYK
Dim obj As System.Object
Dim value As System.Boolean

value = instance.Equals(obj)
public override System.bool Equals(
    System.object obj
)
public function Equals(
    obj: System.TObject
): System.Boolean; override;
public override function Equals(
    obj : System.Object
) : System.boolean;
public: System.bool Equals(
    System.Object* obj
) override
public:
System.bool Equals(
    System.Object^ obj
) override
```

Parameters

obj

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[CMYK Structure](#)
[CMYK Members](#)

This documentation was created using [Document! X](#) from Innovasys

GetHashCode Method (CMYK)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CMYK Structure : GetHashCode Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overrides Function GetHashCode() As System.Integer  
'Usage  
  
Dim instance As CMYK  
Dim value As System.Integer  
  
value = instance.GetHashCode()  
public override System.int GetHashCode()  
public function GetHashCode(): System.Integer; override;  
public override function GetHashCode() : System.int;  
public: System.int GetHashCode(); override  
public:  
System.int GetHashCode(); override
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

CMYK Structure

CMYK Members

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CMYK Structure Properties

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CMYK Structure

For a list of all members of this type, see [CMYK members](#).

► Public Properties

	Name	Description
	Black	
	Cyan	
	Magenta	
	Yellow	

[Top](#)

► See Also

Reference

[CMYK Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

Black Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CMYK Structure : Black Property

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Black As System.Double  
'Usage  
  
Dim instance As CMYK  
Dim value As System.Double  
  
instance.Black = value  
  
value = instance.Black  
public System.double Black {get; set;}  
public read-write property Black: System.Double;  
public function get, set Black : System.double  
public: __property System.double get_Black();  
public: __property void set_Black(  
    System.double value  
);  
public:  
property System.double Black {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CMYK Structure](#)

[CMYK Members](#)

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Cyan Property

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CMYK Structure : Cyan Property

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Property Cyan As System.Double  
'Usage  
  
Dim instance As CMYK  
Dim value As System.Double  
  
instance.Cyan = value  
  
value = instance.Cyan  
public System.double Cyan {get; set;}  
public read-write property Cyan: System.Double;  
public function get, set Cyan : System.double  
public: __property System.double get_Cyan();  
public: __property void set_Cyan(  
    System.double value  
);  
public:  
property System.double Cyan {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CMYK Structure](#)

[CMYK Members](#)

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Magenta Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CMYK Structure : Magenta Property

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Magenta As System.Double  
'Usage  
  
Dim instance As CMYK  
Dim value As System.Double  
  
instance.Magenta = value  
  
value = instance.Magenta  
public System.double Magenta {get; set;}  
public read-write property Magenta: System.Double;  
public function get, set Magenta : System.double  
public: __property System.double get_Magenta();  
public: __property void set_Magenta(  
    System.double value  
);  
public:  
property System.double Magenta {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CMYK Structure](#)

[CMYK Members](#)

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Yellow Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CMYK Structure : Yellow Property

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Yellow As System.Double  
'Usage  
  
Dim instance As CMYK  
Dim value As System.Double  
  
instance.Yellow = value  
  
value = instance.Yellow  
public System.double Yellow {get; set;}  
public read-write property Yellow: System.Double;  
public function get, set Yellow : System.double  
public: __property System.double get_Yellow();  
public: __property void set_Yellow(  
    System.double value  
);  
public:  
property System.double Yellow {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CMYK Structure](#)

[CMYK Members](#)

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CMYK Structure Fields

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : CMYK Structure

For a list of all members of this type, see [CMYK members](#).

► Public Fields

	Name	Description
◆ S	Empty	Gets an empty CMYK structure;

[Top](#)

► See Also

Reference

[CMYK Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

Empty Field (CMYK)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > CMYK Structure : Empty Field

Gets an empty CMYK structure;

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared ReadOnly Empty As CMYK
'Usage

Dim value As CMYK

value = CMYK.Empty
public static readonly CMYK Empty
public field Empty: CMYK; static; readonly
public static var Empty : CMYK;
public: static readonly CMYK Empty
public:
static readonly CMYK Empty
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[CMYK Structure](#)
[CMYK Members](#)

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Equality Operator (CMYK)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [CMYK Structure](#) : Equality Operator

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Operator =( _
    ByVal item1 As CMYK, _
    ByVal item2 As CMYK _
) As System.Boolean
'Usage

public System.bool operator ==(_
    CMYK item1,
    CMYK item2
)
This operator type is not supported by Delphi
This operator type is not supported by JScript
public: System.bool op_Equality(
    CMYK item1,
    CMYK item2
)
public:
System.bool operator ==(_
    CMYK item1,
    CMYK item2
)
```

Parameters

item1

item2

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CMYK Structure](#)

[CMYK Members](#)

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Inequality Operator (CMYK)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [CMYK Structure](#) : Inequality Operator

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Operator <>( _
    ByVal item1 As CMYK, _
    ByVal item2 As CMYK _
) As System.Boolean
'Usage

public System.bool operator !=(
    CMYK item1,
    CMYK item2
)
This operator type is not supported by Delphi
This operator type is not supported by JScript
public: System.bool op_Inequality(
    CMYK item1,
    CMYK item2
)
public:
System.bool operator !=(
    CMYK item1,
    CMYK item2
)
```

Parameters

item1

item2

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CMYK Structure](#)

[CMYK Members](#)

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HSB Structure

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : HSB Structure

Structure to define HSB.

Object Model

HSB

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Structure HSB
    Inherits System.ValueType
'
```

'Usage

```
Dim instance As HSB
public struct HSB : System.ValueType
public type HSB = class(System.ValueType)
In JScript, you can use structures in other assemblies, but you ca
public __value struct HSB : public System.ValueType
public value class HSB : public System.ValueType
```

Inheritance Hierarchy

System.Object

System.ValueType

Kaliko.ImageLibrary.ColorSpace.HSB

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[HSB Members](#)
[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

HSB Structure Members

[Fields](#) [Properties](#) [Methods](#) [Collapse All](#) [Members Options:](#) [Show All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : HSB Structure

The following tables list the members exposed by [HSB](#).

► Public Constructors

	Name	Description
 HSB Constructor		Creates an instance of a HSB structure.

[Top](#)

► Public Fields

	Name	Description
 Empty		Gets an empty HSB structure;

[Top](#)

► Public Properties

	Name	Description
 Brightness		Gets or sets the brightness component.
 Hue		Gets or sets the hue component.
 Saturation		Gets or sets saturation component.

[Top](#)

► Public Methods

	Name	Description
 Equals		
 GetHashCode		

[Top](#)

◀ Public Operators

 Equality	
 Inequality	

Top

◀ See Also

Reference

[HSB Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

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HSB Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSB Structure : HSB Constructor

Creates an instance of a HSB structure.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal b As System.Double _
)
```

'Usage

```
Dim h As System.Double
Dim s As System.Double
Dim b As System.Double

Dim instance As New HSB(h, s, b)
public HSB(
    System.double h,
    System.double s,
    System.double b
)
public HSB(
    h: System.Double;
    s: System.Double;
    b: System.Double
);
public function HSB(
    h : System.double,
    s : System.double,
```

```
    b : System.double  
);  
public: HSB(  
    System.double h,  
    System.double s,  
    System.double b  
)  
public:  
HSB(  
    System.double h,  
    System.double s,  
    System.double b  
)
```

Parameters

h

Hue value.

s

Saturation value.

b

Brightness value.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[HSB Structure](#)
[HSB Members](#)

Kaliko.ImageLibrary

HSB Structure Methods

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : HSB Structure

For a list of all members of this type, see [HSB members](#).

▲ Public Methods

	Name	Description
≡◆	Equals	
≡◆	GetHashCode	

[Top](#)

▲ See Also

Reference

[HSB Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

Equals Method (HSB)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSB Structure : Equals Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overrides Function Equals( _
    ByVal obj As System.Object _ 
) As System.Boolean
'Usage

Dim instance As HSB
Dim obj As System.Object
Dim value As System.Boolean

value = instance.Equals(obj)
public override System.bool Equals(
    System.object obj
)
public function Equals(
    obj: System.TObject
): System.Boolean; override;
public override function Equals(
    obj : System.Object
) : System.boolean;
public: System.bool Equals(
    System.Object* obj
) override
public:
System.bool Equals(
    System.Object^ obj
) override
```

Parameters

obj

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[HSB Structure](#)
[HSB Members](#)

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GetHashCode Method (HSB)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSB Structure : GetHashCode Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overrides Function GetHashCode() As System.Integer  
'Usage  
  
Dim instance As HSB  
Dim value As System.Integer  
  
value = instance.GetHashCode()  
public override System.int GetHashCode()  
public function GetHashCode(): System.Integer; override;  
public override function GetHashCode() : System.int;  
public: System.int GetHashCode(); override  
public:  
System.int GetHashCode(); override
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[HSB Structure](#)

[HSB Members](#)

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Kaliko.ImageLibrary

HSB Structure Properties

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : HSB Structure

For a list of all members of this type, see [HSB members](#).

► Public Properties

	Name	Description
	Brightness	Gets or sets the brightness component.
	Hue	Gets or sets the hue component.
	Saturation	Gets or sets saturation component.

[Top](#)

► See Also

Reference

[HSB Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

Brightness Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSB Structure : Brightness Property

Gets or sets the brightness component.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Brightness As System.Double  
'Usage  
  
Dim instance As HSB  
Dim value As System.Double  
  
instance.Brightness = value  
  
value = instance.Brightness  
public System.double Brightness {get; set;}  
public read-write property Brightness: System.Double;  
public function get, set Brightness : System.double  
public: __property System.double get_Brightness();  
public: __property void set_Brightness(  
    System.double value  
);  
public:  
property System.double Brightness {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[HSB Structure](#)
[HSB Members](#)

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Hue Property (HSB)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSB Structure : Hue Property

Gets or sets the hue component.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Hue As System.Double  
'Usage  
  
Dim instance As HSB  
Dim value As System.Double  
  
instance.Hue = value  
  
value = instance.Hue  
public System.double Hue {get; set;}  
public read-write property Hue: System.Double;  
public function get, set Hue : System.double  
public: __property System.double get_Hue();  
public: __property void set_Hue(  
    System.double value  
);  
public:  
property System.double Hue {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[HSB Structure](#)
[HSB Members](#)

This documentation was created using [Document! X](#) from Innovasys

Saturation Property (HSB)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSB Structure : Saturation Property

Gets or sets saturation component.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Saturation As System.Double  
'Usage  
  
Dim instance As HSB  
Dim value As System.Double  
  
instance.Saturation = value  
  
value = instance.Saturation  
public System.double Saturation {get; set;}  
public read-write property Saturation: System.Double;  
public function get, set Saturation : System.double  
public: __property System.double get_Saturation();  
public: __property void set_Saturation(  
    System.double value  
);  
public:  
property System.double Saturation {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[HSB Structure](#)
[HSB Members](#)

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HSB Structure Fields

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : HSB Structure

For a list of all members of this type, see [HSB members](#).

▲ Public Fields

	Name	Description
◆ S	Empty	Gets an empty HSB structure;

[Top](#)

▲ See Also

Reference

[HSB Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

Empty Field (HSB)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSB Structure : Empty Field

Gets an empty HSB structure;

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared ReadOnly Empty As HSB
'Usage

Dim value As HSB

value = HSB.Empty
public static readonly HSB Empty
public field Empty: HSB; static; readonly
public static var Empty : HSB;
public: static readonly HSB Empty
public:
static readonly HSB Empty
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[HSB Structure](#)
[HSB Members](#)

This documentation was created using [Document! X](#) from Innovasys

Equality Operator (HSB)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSB Structure : Equality Operator

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Operator =( _  
    ByVal item1 As HSB, _  
    ByVal item2 As HSB _  
) As System.Boolean  
'Usage  
  
public System.bool operator ==(  
    HSB item1,  
    HSB item2  
)  
This operator type is not supported by Delphi  
This operator type is not supported by JScript  
public: System.bool op_Equality(  
    HSB item1,  
    HSB item2  
)  
public:  
System.bool operator ==(  
    HSB item1,  
    HSB item2  
)
```

Parameters

item1

item2

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[HSB Structure](#)
[HSB Members](#)

This documentation was created using [Document! X](#) from Innovasys

Inequality Operator (HSB)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSB Structure : Inequality Operator

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Operator <>( _
    ByVal item1 As HSB, _
    ByVal item2 As HSB _
) As System.Boolean
'Usage

public System.bool operator !=(
    HSB item1,
    HSB item2
)
This operator type is not supported by Delphi
This operator type is not supported by JScript
public: System.bool op_Inequality(
    HSB item1,
    HSB item2
)
public:
System.bool operator !=(
    HSB item1,
    HSB item2
)
```

Parameters

item1

item2

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[HSB Structure](#)
[HSB Members](#)

This documentation was created using [Document! X](#) from Innovasys

HSL Structure

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : HSL Structure

Structure to define HSL.

Object Model

HSL

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Structure HSL
    Inherits System.ValueType
'Usage
```

```
Dim instance As HSL
public struct HSL : System.ValueType
public type HSL = class(System.ValueType)
In JScript, you can use structures in other assemblies, but you ca
public __value struct HSL : public System.ValueType
public value class HSL : public System.ValueType
```

Inheritance Hierarchy

```
System.Object
System.ValueType
Kaliko.ImageLibrary.ColorSpace.HSL
```

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[HSL Members](#)
[Kaliko.ImageLibrary.ColorSpace Namespace](#)

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HSL Structure Members

[Fields](#) [Properties](#) [Methods](#) [Collapse All](#) [Members Options:](#) [Show All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : HSL Structure

The following tables list the members exposed by [HSL](#).

► Public Constructors

	Name	Description
 HSL Constructor		Creates an instance of a HSL structure.

[Top](#)

► Public Fields

	Name	Description
 Empty		Gets an empty HSL structure;

[Top](#)

► Public Properties

	Name	Description
 Hue		Gets or sets the hue component.
 Luminance		Gets or sets the luminance component.
 Saturation		Gets or sets saturation component.

[Top](#)

► Public Methods

	Name	Description
 Equals		
 GetHashCode		

[Top](#)

◀ Public Operators

 Equality	
 Inequality	

Top

◀ See Also

Reference

[HSL Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

HSL Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSL Structure : HSL Constructor

Creates an instance of a HSL structure.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal h As System.Double, _
    ByVal s As System.Double, _
    ByVal l As System.Double _
)
```

'Usage

```
Dim h As System.Double
Dim s As System.Double
Dim l As System.Double

Dim instance As New HSL(h, s, l)
public HSL(
    System.double h,
    System.double s,
    System.double l
)
public HSL(
    h: System.Double;
    s: System.Double;
    l: System.Double
);
public function HSL(
    h : System.double,
    s : System.double,
```

```
    l : System.double  
);  
public: HSL(  
    System.double h,  
    System.double s,  
    System.double l  
)  
public:  
HSL(  
    System.double h,  
    System.double s,  
    System.double l  
)
```

Parameters

h

Hue value.

s

Saturation value.

l

Lightness value.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[HSL Structure](#)

[HSL Members](#)

Kaliko.ImageLibrary

HSL Structure Methods

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : HSL Structure

For a list of all members of this type, see [HSL members](#).

▲ Public Methods

	Name	Description
≡◆	Equals	
≡◆	GetHashCode	

[Top](#)

▲ See Also

Reference

[HSL Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

Equals Method (HSL)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSL Structure : Equals Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overrides Function Equals( _
    ByVal obj As System.Object _ 
) As System.Boolean
'Usage

Dim instance As HSL
Dim obj As System.Object
Dim value As System.Boolean

value = instance.Equals(obj)
public override System.bool Equals(
    System.object obj
)
public function Equals(
    obj: System.TObject
): System.Boolean; override;
public override function Equals(
    obj : System.Object
) : System.boolean;
public: System.bool Equals(
    System.Object* obj
) override
public:
System.bool Equals(
    System.Object^ obj
) override
```

Parameters

obj

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[HSL Structure](#)
[HSL Members](#)

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GetHashCode Method (HSL)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSL Structure : GetHashCode Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overrides Function GetHashCode() As System.Integer  
'Usage  
  
Dim instance As HSL  
Dim value As System.Integer  
  
value = instance.GetHashCode()  
public override System.int GetHashCode()  
public function GetHashCode(): System.Integer; override;  
public override function GetHashCode() : System.int;  
public: System.int GetHashCode(); override  
public:  
System.int GetHashCode(); override
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

HSL Structure

HSL Members

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HSL Structure Properties

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : HSL Structure

For a list of all members of this type, see [HSL members](#).

► Public Properties

	Name	Description
	Hue	Gets or sets the hue component.
	Luminance	Gets or sets the luminance component.
	Saturation	Gets or sets saturation component.

[Top](#)

► See Also

Reference

[HSL Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

Hue Property (HSL)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSL Structure : Hue Property

Gets or sets the hue component.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Hue As System.Double  
'Usage  
  
Dim instance As HSL  
Dim value As System.Double  
  
instance.Hue = value  
  
value = instance.Hue  
public System.double Hue {get; set;}  
public read-write property Hue: System.Double;  
public function get, set Hue : System.double  
public: __property System.double get_Hue();  
public: __property void set_Hue(  
    System.double value  
);  
public:  
property System.double Hue {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[HSL Structure](#)

[HSL Members](#)

This documentation was created using [Document! X](#) from Innovasys

Luminance Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSL Structure : Luminance Property

Gets or sets the luminance component.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Luminance As System.Double
'Usage

Dim instance As HSL
Dim value As System.Double

instance.Luminance = value

value = instance.Luminance
public System.double Luminance {get; set;}
public read-write property Luminance: System.Double;
public function get, set Luminance : System.double
public: __property System.double get_Luminance();
public: __property void set_Luminance(
    System.double value
);
public:
property System.double Luminance {
    System.double get();
    void set (    System.double value);
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[HSL Structure](#)

[HSL Members](#)

This documentation was created using [Document! X](#) from Innovasys

Saturation Property (HSL)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSL Structure : Saturation Property

Gets or sets saturation component.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Saturation As System.Double  
'Usage  
  
Dim instance As HSL  
Dim value As System.Double  
  
instance.Saturation = value  
  
value = instance.Saturation  
public System.double Saturation {get; set;}  
public read-write property Saturation: System.Double;  
public function get, set Saturation : System.double  
public: __property System.double get_Saturation();  
public: __property void set_Saturation(  
    System.double value  
);  
public:  
property System.double Saturation {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[HSL Structure](#)

[HSL Members](#)

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HSL Structure Fields

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : HSL Structure

For a list of all members of this type, see [HSL members](#).

► Public Fields

	Name	Description
◆ S	Empty	Gets an empty HSL structure;

[Top](#)

► See Also

Reference

[HSL Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

Empty Field (HSL)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSL Structure : Empty Field

Gets an empty HSL structure;

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared ReadOnly Empty As HSL
'Usage

Dim value As HSL

value = HSL.Empty
public static readonly HSL Empty
public field Empty: HSL; static; readonly
public static var Empty : HSL;
public: static readonly HSL Empty
public:
static readonly HSL Empty
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[HSL Structure](#)
[HSL Members](#)

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Equality Operator (HSL)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSL Structure : Equality Operator

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Operator =( _  
    ByVal item1 As HSL, _  
    ByVal item2 As HSL _  
) As System.Boolean  
'Usage  
  
public System.bool operator ==(  
    HSL item1,  
    HSL item2  
)  
This operator type is not supported by Delphi  
This operator type is not supported by JScript  
public: System.bool op_Equality(  
    HSL item1,  
    HSL item2  
)  
public:  
System.bool operator ==(  
    HSL item1,  
    HSL item2  
)
```

Parameters

item1

item2

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[HSL Structure](#)

[HSL Members](#)

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Inequality Operator (HSL)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > HSL Structure : Inequality Operator

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Operator <>( _
    ByVal item1 As HSL, _
    ByVal item2 As HSL _
) As System.Boolean
'Usage

public System.bool operator !=(
    HSL item1,
    HSL item2
)
This operator type is not supported by Delphi
This operator type is not supported by JScript
public: System.bool op_Inequality(
    HSL item1,
    HSL item2
)
public:
System.bool operator !=(
    HSL item1,
    HSL item2
)
```

Parameters

item1

item2

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[HSL Structure](#)

[HSL Members](#)

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RGB Structure

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : RGB Structure

Structure to define RGB.

Object Model

RGB

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Structure RGB
    Inherits System.ValueType
'
```

```
Dim instance As RGB
public struct RGB : System.ValueType
public type RGB = class(System.ValueType)
In JScript, you can use structures in other assemblies, but you ca
public __value struct RGB : public System.ValueType
public value class RGB : public System.ValueType
```

Inheritance Hierarchy

```
System.Object
System.ValueType
Kaliko.ImageLibrary.ColorSpace.RGB
```

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[RGB Members](#)
[Kaliko.ImageLibrary.ColorSpace Namespace](#)

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RGB Structure Members

[Fields](#) [Properties](#) [Methods](#) [Collapse All](#) [Members Options:](#) [Show All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : RGB Structure

The following tables list the members exposed by [RGB](#).

► Public Constructors

	Name	Description
 RGB Constructor		

[Top](#)

► Public Fields

	Name	Description
 Empty		Gets an empty RGB structure;

[Top](#)

► Public Properties

	Name	Description
 Blue		
 Green		
 Red		

[Top](#)

► Public Methods

	Name	Description
 Equals		
 GetHashCode		

[Top](#)

◀ Public Operators

 Equality	
 Inequality	

Top

◀ See Also

Reference

[RGB Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

RGB Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [RGB Structure](#) : RGB Constructor

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New( _
    ByVal R As System.Integer, _
    ByVal G As System.Integer, _
    ByVal B As System.Integer _
)
```

'Usage

```
Dim R As System.Integer
Dim G As System.Integer
Dim B As System.Integer

Dim instance As New RGB(R, G, B)
public RGB(
    System.int R,
    System.int G,
    System.int B
)
public RGB(
    R: System.Integer;
    G: System.Integer;
    B: System.Integer
);
public function RGB(
    R : System.int,
    G : System.int,
    B : System.int
);
public: RGB(
```

```
    System.int R,  
    System.int G,  
    System.int B  
)  
public:  
RGB(  
    System.int R,  
    System.int G,  
    System.int B  
)
```

Parameters

R
G
B

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[RGB Structure](#)
[RGB Members](#)

Kaliko.ImageLibrary

RGB Structure Methods

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : RGB Structure

For a list of all members of this type, see [RGB members](#).

► Public Methods

	Name	Description
≡◆	Equals	
≡◆	GetHashCode	

[Top](#)

► See Also

Reference

[RGB Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

Equals Method (RGB)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > RGB Structure : Equals Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overrides Function Equals( _
    ByVal obj As System.Object _ 
) As System.Boolean
'Usage

Dim instance As RGB
Dim obj As System.Object
Dim value As System.Boolean

value = instance.Equals(obj)
public override System.bool Equals(
    System.object obj
)
public function Equals(
    obj: System.TObject
): System.Boolean; override;
public override function Equals(
    obj : System.Object
) : System.boolean;
public: System.bool Equals(
    System.Object* obj
) override
public:
System.bool Equals(
    System.Object^ obj
) override
```

Parameters

obj

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[RGB Structure](#)
[RGB Members](#)

This documentation was created using [Document! X](#) from Innovasys

GetHashCode Method (RGB)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > RGB Structure : GetHashCode Method

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overrides Function GetHashCode() As System.Integer  
'Usage  
  
Dim instance As RGB  
Dim value As System.Integer  
  
value = instance.GetHashCode()  
public override System.int GetHashCode()  
public function GetHashCode(): System.Integer; override;  
public override function GetHashCode() : System.int;  
public: System.int GetHashCode(); override  
public:  
System.int GetHashCode(); override
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

RGB Structure

RGB Members

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Kaliko.ImageLibrary

RGB Structure Properties

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : RGB Structure

For a list of all members of this type, see [RGB members](#).

► Public Properties

	Name	Description
	Blue	
	Green	
	Red	

[Top](#)

► See Also

Reference

[RGB Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

Blue Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > RGB Structure : Blue Property

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Blue As System.Integer
'Usage

Dim instance As RGB
Dim value As System.Integer

instance.Blue = value

value = instance.Blue
public System.int Blue {get; set;}
public read-write property Blue: System.Integer;
public function get, set Blue : System.int
public: __property System.int get_Blue();
public: __property void set_Blue(
    System.int value
);
public:
property System.int Blue {
    System.int get();
    void set (    System.int value);
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[RGB Structure](#)

[RGB Members](#)

This documentation was created using [Document! X](#) from Innovasys

Green Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > RGB Structure : Green Property

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Green As System.Integer  
'Usage  
  
Dim instance As RGB  
Dim value As System.Integer  
  
instance.Green = value  
  
value = instance.Green  
public System.int Green {get; set;}  
public read-write property Green: System.Integer;  
public function get, set Green : System.int  
public: __property System.int get_Green();  
public: __property void set_Green(  
    System.int value  
);  
public:  
property System.int Green {  
    System.int get();  
    void set (    System.int value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[RGB Structure](#)

[RGB Members](#)

This documentation was created using [Document! X](#) from Innovasys

Red Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > RGB Structure : Red Property

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Red As System.Integer
'Usage

Dim instance As RGB
Dim value As System.Integer

instance.Red = value

value = instance.Red
public System.int Red {get; set;}
public read-write property Red: System.Integer;
public function get, set Red : System.int
public: __property System.int get_Red();
public: __property void set_Red(
    System.int value
);
public:
property System.int Red {
    System.int get();
    void set (    System.int value);
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[RGB Structure](#)

[RGB Members](#)

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RGB Structure Fields

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : RGB Structure

For a list of all members of this type, see [RGB members](#).

► Public Fields

	Name	Description
◆ S	Empty	Gets an empty RGB structure;

[Top](#)

► See Also

Reference

[RGB Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

Empty Field (RGB)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > RGB Structure : Empty Field

Gets an empty RGB structure;

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared ReadOnly Empty As RGB
'Usage

Dim value As RGB

value = RGB.Empty
public static readonly RGB Empty
public field Empty: RGB; static; readonly
public static var Empty : RGB;
public: static readonly RGB Empty
public:
static readonly RGB Empty
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[RGB Structure](#)
[RGB Members](#)

This documentation was created using [Document! X](#) from Innovasys

Equality Operator (RGB)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [RGB Structure](#) : Equality Operator

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Operator =( _  
    ByVal item1 As RGB, _  
    ByVal item2 As RGB _  
) As System.Boolean  
'Usage  
  
public System.bool operator ==(  
    RGB item1,  
    RGB item2  
)  
This operator type is not supported by Delphi  
This operator type is not supported by JScript  
public: System.bool op_Equality(  
    RGB item1,  
    RGB item2  
)  
public:  
System.bool operator ==(  
    RGB item1,  
    RGB item2  
)
```

Parameters

item1

item2

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[RGB Structure](#)

[RGB Members](#)

This documentation was created using [Document! X](#) from Innovasys

Inequality Operator (RGB)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > [RGB Structure](#) : Inequality Operator

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Operator <>( _
    ByVal item1 As RGB, _
    ByVal item2 As RGB _
) As System.Boolean
'Usage

public System.bool operator !=(
    RGB item1,
    RGB item2
)
This operator type is not supported by Delphi
This operator type is not supported by JScript
public: System.bool op_Inequality(
    RGB item1,
    RGB item2
)
public:
System.bool operator !=(
    RGB item1,
    RGB item2
)
```

Parameters

item1

item2

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[RGB Structure](#)

[RGB Members](#)

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YUV Structure

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : YUV Structure

Structure to define YUV.

Object Model

YUV

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Structure YUV
    Inherits System.ValueType
'
```

```
Dim instance As YUV
public struct YUV : System.ValueType
public type YUV = class(System.ValueType)
In JScript, you can use structures in other assemblies, but you ca
public __value struct YUV : public System.ValueType
public value class YUV : public System.ValueType
```

Inheritance Hierarchy

```
System.Object
System.ValueType
Kaliko.ImageLibrary.ColorSpace.YUV
```

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[YUV Members](#)
[Kaliko.ImageLibrary.ColorSpace Namespace](#)

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YUV Structure Members

[Fields](#) [Properties](#) [Methods](#) [Collapse All](#) [Members Options:](#) [Show All](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : YUV Structure

The following tables list the members exposed by [YUV](#).

► Public Constructors

	Name	Description
 YUV Constructor		Creates an instance of a YUV structure.

[Top](#)

► Public Fields

	Name	Description
 Empty		Gets an empty YUV structure.

[Top](#)

► Public Properties

	Name	Description
 U		
 V		
 Y		

[Top](#)

► Public Methods

	Name	Description
 Equals		
 GetHashCode		

[Top](#)

◀ Public Operators

 Equality	
 Inequality	

Top

◀ See Also

Reference

[YUV Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

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YUV Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > YUV Structure : YUV Constructor

Creates an instance of a YUV structure.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal y As System.Double, _
    ByVal u As System.Double, _
    ByVal v As System.Double _
)
```

'Usage

```
Dim y As System.Double
Dim u As System.Double
Dim v As System.Double

Dim instance As New YUV(y, u, v)
public YUV(
    System.double y,
    System.double u,
    System.double v
)
public YUV(
    y: System.Double;
    u: System.Double;
    v: System.Double
);
public function YUV(
    y : System.double,
    u : System.double,
```

```
    v : System.double
);
public: YUV(
    System.double y,
    System.double u,
    System.double v
)
public:
YUV(
    System.double y,
    System.double u,
    System.double v
)
```

Parameters

y
u
v

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[YUV Structure](#)
[YUV Members](#)

Kaliko.ImageLibrary

YUV Structure Methods

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : YUV Structure

For a list of all members of this type, see [YUV members](#).

► Public Methods

	Name	Description
≡◆	Equals	
≡◆	GetHashCode	

[Top](#)

► See Also

Reference

[YUV Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

Equals Method (YUV)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > YUV Structure : Equals Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overrides Function Equals( _
    ByVal obj As System.Object _ 
) As System.Boolean
'Usage

Dim instance As YUV
Dim obj As System.Object
Dim value As System.Boolean

value = instance.Equals(obj)
public override System.bool Equals(
    System.object obj
)
public function Equals(
    obj: System.TObject
): System.Boolean; override;
public override function Equals(
    obj : System.Object
) : System.boolean;
public: System.bool Equals(
    System.Object* obj
) override
public:
System.bool Equals(
    System.Object^ obj
) override
```

Parameters

obj

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[YUV Structure](#)
[YUV Members](#)

This documentation was created using [Document! X](#) from Innovasys

GetHashCode Method (YUV)

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > YUV Structure : GetHashCode Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overrides Function GetHashCode() As System.Integer  
'Usage  
  
Dim instance As YUV  
Dim value As System.Integer  
  
value = instance.GetHashCode()  
public override System.int GetHashCode()  
public function GetHashCode(): System.Integer; override;  
public override function GetHashCode() : System.int;  
public: System.int GetHashCode(); override  
public:  
System.int GetHashCode(); override
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[YUV Structure](#)

[YUV Members](#)

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Kaliko.ImageLibrary

YUV Structure Properties

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : YUV Structure

For a list of all members of this type, see [YUV members](#).

► Public Properties

	Name	Description
	U	
	V	
	Y	

[Top](#)

► See Also

Reference

[YUV Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

U Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > YUV Structure : U Property

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property U As System.Double  
'Usage  
  
Dim instance As YUV  
Dim value As System.Double  
  
instance.U = value  
  
value = instance.U  
public System.double U {get; set;}  
public read-write property U: System.Double;  
public function get, set U : System.double  
public: __property System.double get_U();  
public: __property void set_U(  
    System.double value  
);  
public:  
property System.double U {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[YUV Structure](#)

[YUV Members](#)

This documentation was created using [Document! X](#) from Innovasys

V Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > YUV Structure : V Property

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property V As System.Double  
'Usage  
  
Dim instance As YUV  
Dim value As System.Double  
  
instance.V = value  
  
value = instance.V  
public System.double V {get; set;}  
public read-write property V: System.Double;  
public function get, set V : System.double  
public: __property System.double get_V();  
public: __property void set_V(  
    System.double value  
);  
public:  
property System.double V {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[YUV Structure](#)

[YUV Members](#)

This documentation was created using [Document! X](#) from Innovasys

Y Property (YUV)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > YUV Structure : Y Property

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Y As System.Double  
'Usage  
  
Dim instance As YUV  
Dim value As System.Double  
  
instance.Y = value  
  
value = instance.Y  
public System.double Y {get; set;}  
public read-write property Y: System.Double;  
public function get, set Y : System.double  
public: __property System.double get_Y();  
public: __property void set_Y(  
    System.double value  
);  
public:  
property System.double Y {  
    System.double get();  
    void set (    System.double value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[YUV Structure](#)

[YUV Members](#)

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YUV Structure Fields

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.ColorSpace Namespace](#) : YUV Structure

For a list of all members of this type, see [YUV members](#).

► Public Fields

	Name	Description
◆ S	Empty	Gets an empty YUV structure.

[Top](#)

► See Also

Reference

[YUV Structure](#)

[Kaliko.ImageLibrary.ColorSpace Namespace](#)

Empty Field (YUV)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > YUV Structure : Empty Field

Gets an empty YUV structure.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared ReadOnly Empty As YUV
'Usage

Dim value As YUV

value = YUV.Empty
public static readonly YUV Empty
public field Empty: YUV; static; readonly
public static var Empty : YUV;
public: static readonly YUV Empty
public:
static readonly YUV Empty
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[YUV Structure](#)
[YUV Members](#)

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Equality Operator (YUV)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > YUV Structure : Equality Operator

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Operator =( _  
    ByVal item1 As YUV, _  
    ByVal item2 As YUV _  
) As System.Boolean  
'Usage  
  
public System.bool operator ==(  
    YUV item1,  
    YUV item2  
)  
This operator type is not supported by Delphi  
This operator type is not supported by JScript  
public: System.bool op_Equality(  
    YUV item1,  
    YUV item2  
)  
public:  
System.bool operator ==(  
    YUV item1,  
    YUV item2  
)
```

Parameters

item1

item2

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[YUV Structure](#)

[YUV Members](#)

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Inequality Operator (YUV)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.ColorSpace Namespace > YUV Structure : Inequality Operator

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Operator <>( _
    ByVal item1 As YUV, _
    ByVal item2 As YUV _ 
) As System.Boolean
'Usage

public System.bool operator !=(
    YUV item1,
    YUV item2
)
This operator type is not supported by Delphi
This operator type is not supported by JScript
public: System.bool op_Inequality(
    YUV item1,
    YUV item2
)
public:
System.bool operator !=(
    YUV item1,
    YUV item2
)
```

Parameters

item1

item2

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[YUV Structure](#)

[YUV Members](#)

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Kaliko.ImageLibrary.Filters Namespace

[Inheritance Hierarchy](#) ▶ [Collapse All](#)

▲ Classes

	Class	Description
	BrightnessFilter	Simple filter for adjusting brightness in images.
	ChromaKeyFilter	
	ContrastFilter	
	ConvolveFilter	
	DesaturationFilter	
	GaussianBlurFilter	
	InvertFilter	
	Kernel	
	PixelUtils	
	UnsharpMaskFilter	

▲ Interfaces

	Interface	Description
	IFilter	

▲ Enumerations

	Enumeration	Description
	ConvolveFilter.EdgeMode	

▲ See Also

Reference

Kaliko.ImageLibrary Assembly

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BrightnessFilter Class

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

[Kaliko.ImageLibrary.Filters Namespace](#) : BrightnessFilter Class

Simple filter for adjusting brightness in images.

Object Model

BrightnessFilter

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Class BrightnessFilter
    Implements IFilter
'Usage

Dim instance As BrightnessFilter
public class BrightnessFilter : IFilter
public class BrightnessFilter = class(IFilter)
public class BrightnessFilter implements IFilter
public __gc class BrightnessFilter : public IFilter
public ref class BrightnessFilter : public IFilter
```

Inheritance Hierarchy

System.Object

Kaliko.ImageLibrary.Filters.BrightnessFilter

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[BrightnessFilter Members](#)
[Kaliko.ImageLibrary.Filters Namespace](#)

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BrightnessFilter Class Members

[Methods](#) ▶ [Collapse All](#) ▶ [Members Options: Show All](#)

[Kaliko.ImageLibrary.Filters Namespace](#) : [BrightnessFilter Class](#)

The following tables list the members exposed by [BrightnessFilter](#).

► Public Constructors

	Name	Description
=◆	BrightnessFilter Constructor	

[Top](#)

► Public Methods

	Name	Description
=◆	Run	Execute the filter.

[Top](#)

► See Also

Reference

[BrightnessFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

BrightnessFilter Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > BrightnessFilter Class : BrightnessFilter Constructor

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal changeInBrightness As System.Integer _
)
'Usage

Dim changeInBrightness As System.Integer

Dim instance As New BrightnessFilter(changeInBrightness)
public BrightnessFilter(
    System.int changeInBrightness
)
public BrightnessFilter(
    changeInBrightness: System.Integer
);
public function BrightnessFilter(
    changeInBrightness : System.int
);
public: BrightnessFilter(
    System.int changeInBrightness
)
public:
BrightnessFilter(
    System.int changeInBrightness
)
```

Parameters

changeInBrightness

The amount of change to be applied to the brightness. Entered as either a positive - to make it brighter - or negative - to make it darker - value (zero means no change).

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[BrightnessFilter Class](#)

[BrightnessFilter Members](#)

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BrightnessFilter Class Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace](#) : BrightnessFilter Class

For a list of all members of this type, see [BrightnessFilter members](#).

▲ Public Methods

	Name	Description
	Run	Execute the filter.

[Top](#)

▲ See Also

Reference

[BrightnessFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

Run Method (BrightnessFilter)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > BrightnessFilter Class : Run Method

Execute the filter.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

```
'Declaration

Public Sub Run( _
    ByVal image As KalikoImage _
)
'Usage

Dim instance As BrightnessFilter
Dim image As KalikoImage

instance.Run(image)
public void Run(
    KalikoImage image
)
public procedure Run(
    image: KalikoImage
);
public function Run(
    image : KalikoImage
);
public: void Run(
    KalikoImage* image
)
public:
void Run(
    KalikoImage^ image
)
```

Parameters

image

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[BrightnessFilter Class](#)

[BrightnessFilter Members](#)

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ChromaKeyFilter Class

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

Kaliko.ImageLibrary.Filters Namespace : ChromaKeyFilter Class

Object Model

ChromaKeyFilter

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Class ChromaKeyFilter
    Implements IFilter
'Usage

Dim instance As ChromaKeyFilter
public class ChromaKeyFilter : IFilter
public class ChromaKeyFilter = class(IFilter)
public class ChromaKeyFilter implements IFilter
public __gc class ChromaKeyFilter : public IFilter
public ref class ChromaKeyFilter : public IFilter
```

Inheritance Hierarchy

System.Object

Kaliko.ImageLibrary.Filters.ChromaKeyFilter

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP

SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ChromaKeyFilter Members](#)
[Kaliko.ImageLibrary.Filters Namespace](#)

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ChromaKeyFilter Class Members

[Properties](#) [Methods](#) ▶ [Collapse All](#) ▶ [Members Options: Show All](#)

[Kaliko.ImageLibrary.Filters Namespace](#) : [ChromaKeyFilter Class](#)

The following tables list the members exposed by [ChromaKeyFilter](#).

▲ Public Constructors

	Name	Description
=◆	ChromaKeyFilter Constructor	Overloaded.

[Top](#)

▲ Public Properties

	Name	Description
▣	KeyColor	
▣	ToleranceBrightness	
▣	ToleranceHue	
▣	ToleranceSaturation	

[Top](#)

▲ Public Methods

	Name	Description
=◆	ApplyChromaKey	
=◆	Run	

[Top](#)

▲ See Also

Reference

ChromaKeyFilter Class

Kaliko.ImageLibrary.Filters Namespace

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ChromaKeyFilter Constructor

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > [ChromaKeyFilter Class](#) : ChromaKeyFilter Constructor

◀ Overload List

Overload	Description
ChromaKeyFilter Constructor()	
ChromaKeyFilter Constructor(Color)	
ChromaKeyFilter Constructor(Color,Single,Single,Single)	

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ChromaKeyFilter Class](#)

[ChromaKeyFilter Members](#)

ChromaKeyFilter Constructor()

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ChromaKeyFilter Class > ChromaKeyFilter Constructor : ChromaKeyFilter Constructor()

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New()
'Usage

Dim instance As New ChromaKeyFilter()
public ChromaKeyFilter()
public ChromaKeyFilter();
public function ChromaKeyFilter();
public: ChromaKeyFilter();
public:
ChromaKeyFilter();
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ChromaKeyFilter Class](#)
[ChromaKeyFilter Members](#)

Overload List

This documentation was created using [Document! X](#) from Innovasys

ChromaKeyFilter Constructor(Color)

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ChromaKeyFilter Class > ChromaKeyFilter Constructor : ChromaKeyFilter Constructor(Color)

◀ Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _  
    ByVal keyColor As System.Drawing.Color _  
)  
'Usage  
  
Dim keyColor As System.Drawing.Color  
  
Dim instance As New ChromaKeyFilter(keyColor)  
public ChromaKeyFilter(  
    System.Drawing.Color keyColor  
)  
public ChromaKeyFilter(  
    keyColor: System.Drawing.Color  
)  
public function ChromaKeyFilter(  
    keyColor : System.Drawing.Color  
)  
public: ChromaKeyFilter(  
    System.Drawing.Color keyColor  
)  
public:  
ChromaKeyFilter(  
    System.Drawing.Color keyColor  
)
```

Parameters

keyColor

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ChromaKeyFilter Class](#)

[ChromaKeyFilter Members](#)

[Overload List](#)

This documentation was created using [Document! X](#) from Innovasys

ChromaKeyFilter

Constructor(Color,Single,Single,Single)

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary.Filters Namespace](#) > [ChromaKeyFilter Class](#) > ChromaKeyFilter Constructor : ChromaKeyFilter Constructor(Color,Single,Single,Single)

◀ Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New( _
    ByVal keyColor As System.Drawing.Color, _
    ByVal toleranceHue As System.Single, _
    ByVal toleranceSaturnation As System.Single, _
    ByVal toleranceBrightness As System.Single _
)
'Usage

Dim keyColor As System.Drawing.Color
Dim toleranceHue As System.Single
Dim toleranceSaturnation As System.Single
Dim toleranceBrightness As System.Single

Dim instance As New ChromaKeyFilter(keyColor, toleranceHue, tolera
public ChromaKeyFilter(
    System.Drawing.Color keyColor,
    System.float toleranceHue,
    System.float toleranceSaturnation,
    System.float toleranceBrightness
)
public ChromaKeyFilter(
    keyColor: System.Drawing.Color;
    toleranceHue: System.Single;
    toleranceSaturnation: System.Single;
    toleranceBrightness: System.Single
```

```
};

public function ChromaKeyFilter(
    keyColor : System.Drawing.Color,
    toleranceHue : System.float,
    toleranceSaturnation : System.float,
    toleranceBrightness : System.float
);
public: ChromaKeyFilter(
    System.Drawing.Color keyColor,
    System.float toleranceHue,
    System.float toleranceSaturnation,
    System.float toleranceBrightness
)
public:
ChromaKeyFilter(
    System.Drawing.Color keyColor,
    System.float toleranceHue,
    System.float toleranceSaturnation,
    System.float toleranceBrightness
)
```

Parameters

keyColor
toleranceHue
toleranceSaturnation
toleranceBrightness

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ChromaKeyFilter Class](#)
[ChromaKeyFilter Members](#)
[Overload List](#)

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ChromaKeyFilter Class Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace](#) : [ChromaKeyFilter Class](#)

For a list of all members of this type, see [ChromaKeyFilter members](#).

▲ Public Methods

	Name	Description
≡◆	ApplyChromaKey	
≡◆	Run	

[Top](#)

▲ See Also

Reference

[ChromaKeyFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

ApplyChromaKey Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ChromaKeyFilter Class : ApplyChromaKey Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Sub ApplyChromaKey( _
    ByVal image As KalikoImage _
)
'Usage

Dim instance As ChromaKeyFilter
Dim image As KalikoImage

instance.ApplyChromaKey(image)
public void ApplyChromaKey(
    KalikoImage image
)
public procedure ApplyChromaKey(
    image: KalikoImage
);
public function ApplyChromaKey(
    image : KalikoImage
);
public: void ApplyChromaKey(
    KalikoImage* image
)
public:
void ApplyChromaKey(
    KalikoImage^ image
)
```

Parameters

image

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ChromaKeyFilter Class](#)

[ChromaKeyFilter Members](#)

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Run Method (ChromaKeyFilter)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ChromaKeyFilter Class : Run Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Sub Run( _
    ByVal image As KalikoImage _
)
'Usage

Dim instance As ChromaKeyFilter
Dim image As KalikoImage

instance.Run(image)
public void Run(
    KalikoImage image
)
public procedure Run(
    image: KalikoImage
);
public function Run(
    image : KalikoImage
);
public: void Run(
    KalikoImage* image
)
public:
void Run(
    KalikoImage^ image
)
```

Parameters

image

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ChromaKeyFilter Class](#)

[ChromaKeyFilter Members](#)

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ChromaKeyFilter Class Properties

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace](#) : ChromaKeyFilter Class

For a list of all members of this type, see [ChromaKeyFilter members](#).

► Public Properties

	Name	Description
	KeyColor	
	ToleranceBrightness	
	ToleranceHue	
	ToleranceSaturnation	

[Top](#)

► See Also

Reference

[ChromaKeyFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

KeyColor Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > [ChromaKeyFilter Class](#) : KeyColor Property

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property KeyColor As System.Drawing.Color  
'Usage  
  
Dim instance As ChromaKeyFilter  
Dim value As System.Drawing.Color  
  
instance.KeyColor = value  
  
value = instance.KeyColor  
public System.Drawing.Color KeyColor {get; set;}  
public read-write property KeyColor: System.Drawing.Color;  
public function get, set KeyColor : System.Drawing.Color  
public: __property System.Drawing.Color get_KeyColor();  
public: __property void set_KeyColor(  
    System.Drawing.Color value  
);  
public:  
property System.Drawing.Color KeyColor {  
    System.Drawing.Color get();  
    void set (    System.Drawing.Color value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ChromaKeyFilter Class](#)

[ChromaKeyFilter Members](#)

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ToleranceBrightness Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ChromaKeyFilter Class : ToleranceBrightness Property

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Property ToleranceBrightness As System.Single  
'Usage  
  
Dim instance As ChromaKeyFilter  
Dim value As System.Single  
  
instance.ToleranceBrightness = value  
  
value = instance.ToleranceBrightness  
public System.float ToleranceBrightness {get; set;}  
public read-write property ToleranceBrightness: System.Single;  
public function get, set ToleranceBrightness : System.float  
public: __property System.float get_ToleranceBrightness();  
public: __property void set_ToleranceBrightness(  
    System.float value  
);  
public:  
property System.float ToleranceBrightness {  
    System.float get();  
    void set (    System.float value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ChromaKeyFilter Class](#)

[ChromaKeyFilter Members](#)

This documentation was created using [Document! X](#) from Innovasys

ToleranceHue Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > [ChromaKeyFilter Class](#) : ToleranceHue Property

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property ToleranceHue As System.Single
'Usage

Dim instance As ChromaKeyFilter
Dim value As System.Single

instance.ToleranceHue = value

value = instance.ToleranceHue
public System.float ToleranceHue {get; set;}
public read-write property ToleranceHue: System.Single;
public function get, set ToleranceHue : System.float
public: __property System.float get_ToleranceHue();
public: __property void set_ToleranceHue(
    System.float value
);
public:
property System.float ToleranceHue {
    System.float get();
    void set (    System.float value);
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ChromaKeyFilter Class](#)

[ChromaKeyFilter Members](#)

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ToleranceSaturnation Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ChromaKeyFilter Class : ToleranceSaturnation Property

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Property ToleranceSaturnation As System.Single
'Usage

Dim instance As ChromaKeyFilter
Dim value As System.Single

instance.ToleranceSaturnation = value

value = instance.ToleranceSaturnation
public System.float ToleranceSaturnation {get; set;}
public read-write property ToleranceSaturnation: System.Single;
public function get, set ToleranceSaturnation : System.float
public: __property System.float get_ToleranceSaturnation();
public: __property void set_ToleranceSaturnation(
    System.float value
);
public:
property System.float ToleranceSaturnation {
    System.float get();
    void set (    System.float value);
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ChromaKeyFilter Class](#)

[ChromaKeyFilter Members](#)

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ContrastFilter Class

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

Kaliko.ImageLibrary.Filters Namespace : ContrastFilter Class

Object Model

ContrastFilter

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Class ContrastFilter
    Implements IFilter
'Usage

Dim instance As ContrastFilter
public class ContrastFilter : IFilter
public class ContrastFilter = class(IFilter)
public class ContrastFilter implements IFilter
public __gc class ContrastFilter : public IFilter
public ref class ContrastFilter : public IFilter
```

Inheritance Hierarchy

System.Object

Kaliko.ImageLibrary.Filters.ContrastFilter

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP

SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ContrastFilter Members](#)
[Kaliko.ImageLibrary.Filters Namespace](#)

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ContrastFilter Class Members

[Methods](#) ▾ [Collapse All](#) ▾ [Members Options: Show All](#)

[Kaliko.ImageLibrary.Filters Namespace](#) : [ContrastFilter Class](#)

The following tables list the members exposed by [ContrastFilter](#).

► Public Constructors

	Name	Description
=◆	ContrastFilter Constructor	

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► Public Methods

	Name	Description
=◆	Run	

[Top](#)

► See Also

Reference

[ContrastFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

ContrastFilter Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ContrastFilter Class : ContrastFilter Constructor

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal changeInContrast As System.Integer _
)
'Usage

Dim changeInContrast As System.Integer

Dim instance As New ContrastFilter(changeInContrast)
public ContrastFilter(
    System.int changeInContrast
)
public ContrastFilter(
    changeInContrast: System.Integer
);
public function ContrastFilter(
    changeInContrast : System.int
);
public: ContrastFilter(
    System.int changeInContrast
)
public:
ContrastFilter(
    System.int changeInContrast
)
```

Parameters

changeInContrast

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ContrastFilter Class](#)

[ContrastFilter Members](#)

This documentation was created using [Document! X](#) from Innovasys

ContrastFilter Class Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace](#) : [ContrastFilter Class](#)

For a list of all members of this type, see [ContrastFilter members](#).

▲ Public Methods

	Name	Description
	Run	

[Top](#)

▲ See Also

Reference

[ContrastFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

Run Method (ContrastFilter)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ContrastFilter Class : Run Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Sub Run( _
    ByVal image As KalikoImage _
)
'Usage

Dim instance As ContrastFilter
Dim image As KalikoImage

instance.Run(image)
public void Run(
    KalikoImage image
)
public procedure Run(
    image: KalikoImage
);
public function Run(
    image : KalikoImage
);
public: void Run(
    KalikoImage* image
)
public:
void Run(
    KalikoImage^ image
)
```

Parameters

image

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ContrastFilter Class](#)

[ContrastFilter Members](#)

This documentation was created using [Document! X](#) from Innovasys

ConvolveFilter Class

[Members](#) ▶ [Collapse All](#) ▶ [Language Filter: All](#)

Kaliko.ImageLibrary.Filters Namespace : ConvolveFilter Class

Object Model

ConvolveFilter

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Class ConvolveFilter
    Implements IFilter
'Usage

Dim instance As ConvolveFilter
public class ConvolveFilter : IFilter
public class ConvolveFilter = class(IFilter)
public class ConvolveFilter implements IFilter
public __gc class ConvolveFilter : public IFilter
public ref class ConvolveFilter : public IFilter
```

Inheritance Hierarchy

System.Object

Kaliko.ImageLibrary.Filters.ConvolveFilter

[Kaliko.ImageLibrary.Filters.GaussianBlurFilter](#)

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ConvolveFilter Members](#)
[Kaliko.ImageLibrary.Filters Namespace](#)

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ConvolveFilter Class Members

[Properties](#) [Methods](#) ▶ [Collapse All](#) ▶ [Members Options: Show All](#)

[Kaliko.ImageLibrary.Filters Namespace](#) : [ConvolveFilter Class](#)

The following tables list the members exposed by [ConvolveFilter](#).

► Public Constructors

	Name	Description
=◆	ConvolveFilter Constructor	Overloaded.

[Top](#)

► Public Properties

	Name	Description
☒	Kernel	
☒	PremultiplyAlpha	
☒	UseAlpha	

[Top](#)

► Public Methods

	Name	Description
=◆ \$	Convolve	Overloaded. Convolve a block of pixels.
=◆ \$	ConvolveH	Convolve with a kernel consisting of one row.
=◆ \$	ConvolveHV	Convolve with a 2D kernel.
=◆ \$	ConvolveV	Convolve with a kernel consisting of one column.
=◆	Run	

[Top](#)

► See Also

Reference

[ConvolveFilter Class](#) [Kaliko.ImageLibrary.Filters Namespace](#)

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ConvolveFilter Constructor

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > [ConvolveFilter Class](#) : ConvolveFilter Constructor

► Overload List

Overload	Description
ConvolveFilter Constructor()	Construct a filter with a null kernel. This is only useful if you're going to change the kernel later on.
ConvolveFilter Constructor(Single[])	Construct a filter with the given 3x3 kernel.
ConvolveFilter Constructor(Int32,Int32,Single[])	Construct a filter with the given kernel.
ConvolveFilter Constructor(Kernel)	Construct a filter with the given 3x3 kernel.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ConvolveFilter Class](#)

[ConvolveFilter Members](#)

ConvolveFilter Constructor()

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ConvolveFilter Class > ConvolveFilter Constructor : ConvolveFilter Constructor()

Construct a filter with a null kernel. This is only useful if you're going to change the kernel later on.

◀ Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New()
'Usage

Dim instance As New ConvolveFilter()
public ConvolveFilter()
public ConvolveFilter();
public function ConvolveFilter();
public: ConvolveFilter();
public:
ConvolveFilter();
```

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ConvolveFilter Class](#)
[ConvolveFilter Members](#)
[Overload List](#)

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ConvolveFilter Constructor(Single[])

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ConvolveFilter Class > ConvolveFilter Constructor : ConvolveFilter Constructor(Single[])

Construct a filter with the given 3x3 kernel.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal matrix() As System.Single _
)
'Usage

Dim matrix() As System.Single

Dim instance As New ConvolveFilter(matrix)
public ConvolveFilter(
    System.float[] matrix
)
public ConvolveFilter(
    matrix: System.Singlearray of
);
public function ConvolveFilter(
    matrix : System.float[]
);
public: ConvolveFilter(
    System.float[]* matrix
)
public:
ConvolveFilter(
    System.array<float>^ matrix
)
```

Parameters

matrix

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ConvolveFilter Class](#)

[ConvolveFilter Members](#)

[Overload List](#)

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ConvolveFilter

Constructor(Int32,Int32,Single[])

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.Filters Namespace](#) > [ConvolveFilter Class](#) > [ConvolveFilter Constructor : ConvolveFilter Constructor\(Int32,Int32,Single\[\]\)](#)

Construct a filter with the given kernel.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New( _
    ByVal rows As System.Integer, _
    ByVal cols As System.Integer, _
    ByVal matrix() As System.Single _
)
'Usage

Dim rows As System.Integer
Dim cols As System.Integer
Dim matrix() As System.Single

Dim instance As New ConvolveFilter(rows, cols, matrix)
public ConvolveFilter(
    System.int rows,
    System.int cols,
    System.float[] matrix
)
public ConvolveFilter(
    rows: System.Integer;
    cols: System.Integer;
    matrix: System.Singlearray of
```

```
 );
public function ConvolveFilter(
    rows : System.int,
    cols : System.int,
    matrix : System.float[]
);
public: ConvolveFilter(
    System.int rows,
    System.int cols,
    System.float[]* matrix
)
public:
ConvolveFilter(
    System.int rows,
    System.int cols,
    System.array<float>^ matrix
)
```

Parameters

rows

The number of rows in the kernel.

cols

The number of columns in the kernel.

matrix

An array of *rows***cols* floats containing the kernel.

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ConvolveFilter Class](#)

[ConvolveFilter Members](#)

[Overload List](#)

This documentation was created using [Document! X](#) from Innovasys

ConvolveFilter Constructor(Kernel)

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.Filters Namespace](#) > [ConvolveFilter Class](#) > [ConvolveFilter Constructor : ConvolveFilter Constructor\(Kernel\)](#)

Construct a filter with the given 3x3 kernel.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New( _
    ByVal kernel As Kernel _
)
'Usage

Dim kernel As Kernel

Dim instance As New ConvolveFilter(kernel)
public ConvolveFilter(
    Kernel kernel
)
public ConvolveFilter(
    kernel: Kernel
);
public function ConvolveFilter(
    kernel : Kernel
);
public: ConvolveFilter(
    Kernel* kernel
)
public:
ConvolveFilter(
    Kernel^ kernel
)
```

Parameters

kernel

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ConvolveFilter Class](#)

[ConvolveFilter Members](#)

[Overload List](#)

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ConvolveFilter Class Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace](#) : ConvolveFilter Class

For a list of all members of this type, see [ConvolveFilter members](#).

▲ Public Methods

	Name	Description
= ♦ S	Convolve	Overloaded. Convolve a block of pixels.
= ♦ S	ConvolveH	Convolve with a kernel consisting of one row.
= ♦ S	ConvolveHV	Convolve with a 2D kernel.
= ♦ S	ConvolveV	Convolve with a kernel consisting of one column.
= ♦	Run	

[Top](#)

▲ See Also

Reference

[ConvolveFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

Convolve Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > [ConvolveFilter Class](#) : Convolve Method

Convolve a block of pixels.

◀ Overload List

Overload	Description
Convolve(Kernel,Int32[],Int32[],Int32,Int32,EdgeMode)	Convolve a block of pixels.
Convolve(Kernel,Int32[],Int32[],Int32,Int32,Boolean,EdgeMode)	Convolve a block of pixels

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ConvolveFilter Class](#)

[ConvolveFilter Members](#)

Convolve(Kernel,Int32[],Int32[],Int32,Int32,EdgeMode) Method

▶ Collapse All ▶ Language Filter: All

[Kaliko.ImageLibrary.Filters Namespace](#) > [ConvolveFilter Class](#) > Convolve Method :
Convolve(Kernel,Int32[],Int32[],Int32,Int32,EdgeMode) Method

Convolve a block of pixels.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Sub Convolve( _
    ByVal kernel As Kernel, _
    ByVal inPixels() As System.Integer, _
    ByVal outPixels() As System.Integer, _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal edgeAction As ConvolveFilter.EdgeMode _
)
```

'Usage

```
Dim kernel As Kernel
Dim inPixels() As System.Integer
Dim outPixels() As System.Integer
Dim width As System.Integer
Dim height As System.Integer
Dim edgeAction As ConvolveFilter.EdgeMode

ConvolveFilter.Convolve(kernel, inPixels, outPixels, width, height
public static void Convolve(
    Kernel kernel,
    System.int[] inPixels,
```

```

System.int[] outPixels,
System.int width,
System.int height,
ConvolveFilter.EdgeMode edgeAction
)
public procedure Convolve(
    kernel: Kernel;
    inPixels: System.Integerarray of;
    outPixels: System.Integerarray of;
    width: System.Integer;
    height: System.Integer;
    edgeAction: ConvolveFilter.EdgeMode
); static;
public static function Convolve(
    kernel : Kernel,
    inPixels : System.int[],
    outPixels : System.int[],
    width : System.int,
    height : System.int,
    edgeAction : ConvolveFilter.EdgeMode
);
public: static void Convolve(
    Kernel* kernel,
    System.int[]* inPixels,
    System.int[]* outPixels,
    System.int width,
    System.int height,
    ConvolveFilter.EdgeMode edgeAction
)
public:
static void Convolve(
    Kernel^ kernel,
    System.array<int>^ inPixels,
    System.array<int>^ outPixels,
    System.int width,
    System.int height,
    ConvolveFilter.EdgeMode edgeAction
)

```

Parameters

kernel
inPixels
outPixels
width
height
edgeAction

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ConvolveFilter Class](#)

[ConvolveFilter Members](#)

[Overload List](#)

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Convolve(Kernel,Int32[],Int32[],Int32,Int32,B Method

► Collapse All ► Language Filter: All

[Kaliko.ImageLibrary.Filters Namespace](#) > [ConvolveFilter Class](#) > [Convolve Method](#) :
Convolve(Kernel,Int32[],Int32[],Int32,Int32,Boolean,EdgeMode) Method

Convolve a block of pixels

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Overloads Shared Sub Convolve( _
    ByVal kernel As Kernel, _
    ByVal inPixels() As System.Integer, _
    ByVal outPixels() As System.Integer, _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal alpha As System.Boolean, _
    ByVal edgeAction As ConvolveFilter.EdgeMode _
)
```

'Usage

```
Dim kernel As Kernel
Dim inPixels() As System.Integer
Dim outPixels() As System.Integer
Dim width As System.Integer
Dim height As System.Integer
Dim alpha As System.Boolean
Dim edgeAction As ConvolveFilter.EdgeMode
```

```
ConvolveFilter.Convolve(kernel, inPixels, outPixels, width, height
public static void Convolve(
```

```

    Kernel kernel,
    System.int[] inPixels,
    System.int[] outPixels,
    System.int width,
    System.int height,
    System.bool alpha,
    ConvolveFilter.EdgeMode edgeAction
)
public procedure Convolve(
    kernel: Kernel;
    inPixels: System.Integerarray of;
    outPixels: System.Integerarray of;
    width: System.Integer;
    height: System.Integer;
    alpha: System.Boolean;
    edgeAction: ConvolveFilter.EdgeMode
); static;
public static function Convolve(
    kernel : Kernel,
    inPixels : System.int[],
    outPixels : System.int[],
    width : System.int,
    height : System.int,
    alpha : System.boolean,
    edgeAction : ConvolveFilter.EdgeMode
);
public: static void Convolve(
    Kernel* kernel,
    System.int[]* inPixels,
    System.int[]* outPixels,
    System.int width,
    System.int height,
    System.bool alpha,
    ConvolveFilter.EdgeMode edgeAction
)
public:
static void Convolve(
    Kernel^ kernel,
    System.array<int>^ inPixels,
    System.array<int>^ outPixels,
    System.int width,
    System.int height,
    System.bool alpha,
    ConvolveFilter.EdgeMode edgeAction
)

```

Parameters

kernel
inPixels
outPixels
width
height
alpha
edgeAction

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ConvolveFilter Class](#)
[ConvolveFilter Members](#)
[Overload List](#)

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ConvolveH Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ConvolveFilter Class : ConvolveH Method

Convolve with a kernel consisting of one row.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared Sub ConvolveH( _
    ByVal kernel As Kernel, _
    ByVal inPixels() As System.Integer, _
    ByVal outPixels() As System.Integer, _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal alpha As System.Boolean, _
    ByVal edgeAction As ConvolveFilter.EdgeMode _
)
```

'Usage

```
Dim kernel As Kernel
Dim inPixels() As System.Integer
Dim outPixels() As System.Integer
Dim width As System.Integer
Dim height As System.Integer
Dim alpha As System.Boolean
Dim edgeAction As ConvolveFilter.EdgeMode
```

```
ConvolveFilter.ConvolveH(kernel, inPixels, outPixels, width, height)
public static void ConvolveH(
    Kernel kernel,
    System.int[] inPixels,
    System.int[] outPixels,
    System.int width,
```

```

        System.int height,
        System.bool alpha,
        ConvolveFilter.EdgeMode edgeAction
    )
    public procedure ConvolveH(
        kernel: Kernel;
        inPixels: System.Integerarray of;
        outPixels: System.Integerarray of;
        width: System.Integer;
        height: System.Integer;
        alpha: System.Boolean;
        edgeAction: ConvolveFilter.EdgeMode
    ); static;
    public static function ConvolveH(
        kernel : Kernel,
        inPixels : System.int[],
        outPixels : System.int[],
        width : System.int,
        height : System.int,
        alpha : System.boolean,
        edgeAction : ConvolveFilter.EdgeMode
    );
    public: static void ConvolveH(
        Kernel* kernel,
        System.int[]* inPixels,
        System.int[]* outPixels,
        System.int width,
        System.int height,
        System.bool alpha,
        ConvolveFilter.EdgeMode edgeAction
    )
    public:
    static void ConvolveH(
        Kernel^ kernel,
        System.array<int>^ inPixels,
        System.array<int>^ outPixels,
        System.int width,
        System.int height,
        System.bool alpha,
        ConvolveFilter.EdgeMode edgeAction
    )
)

```

Parameters

kernel
inPixels
outPixels

width
height
alpha
edgeAction

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ConvolveFilter Class](#)
[ConvolveFilter Members](#)

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ConvolveHV Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ConvolveFilter Class : ConvolveHV Method

Convolve with a 2D kernel.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Shared Sub ConvolveHV( _
    ByVal kernel As Kernel, _
    ByVal inPixels() As System.Integer, _
    ByVal outPixels() As System.Integer, _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal alpha As System.Boolean, _
    ByVal edgeAction As ConvolveFilter.EdgeMode _
)
```

'Usage

```
Dim kernel As Kernel
Dim inPixels() As System.Integer
Dim outPixels() As System.Integer
Dim width As System.Integer
Dim height As System.Integer
Dim alpha As System.Boolean
Dim edgeAction As ConvolveFilter.EdgeMode
```

```
ConvolveFilter.ConvolveHV(kernel, inPixels, outPixels, width, heig
public static void ConvolveHV(
    Kernel kernel,
    System.int[] inPixels,
    System.int[] outPixels,
    System.int width,
```

```

        System.int height,
        System.bool alpha,
        ConvolveFilter.EdgeMode edgeAction
    )
    public procedure ConvolveHV(
        kernel: Kernel;
        inPixels: System.Integerarray of;
        outPixels: System.Integerarray of;
        width: System.Integer;
        height: System.Integer;
        alpha: System.Boolean;
        edgeAction: ConvolveFilter.EdgeMode
    ); static;
    public static function ConvolveHV(
        kernel : Kernel,
        inPixels : System.int[],
        outPixels : System.int[],
        width : System.int,
        height : System.int,
        alpha : System.boolean,
        edgeAction : ConvolveFilter.EdgeMode
    );
    public: static void ConvolveHV(
        Kernel* kernel,
        System.int[]* inPixels,
        System.int[]* outPixels,
        System.int width,
        System.int height,
        System.bool alpha,
        ConvolveFilter.EdgeMode edgeAction
    )
    public:
    static void ConvolveHV(
        Kernel^ kernel,
        System.array<int>^ inPixels,
        System.array<int>^ outPixels,
        System.int width,
        System.int height,
        System.bool alpha,
        ConvolveFilter.EdgeMode edgeAction
    )
)

```

Parameters

kernel
inPixels
outPixels

width
height
alpha
edgeAction

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ConvolveFilter Class](#)
[ConvolveFilter Members](#)

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ConvolveV Method

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ConvolveFilter Class : ConvolveV Method

Convolve with a kernel consisting of one column.

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared Sub ConvolveV( _
    ByVal kernel As Kernel, _
    ByVal inPixels() As System.Integer, _
    ByVal outPixels() As System.Integer, _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal alpha As System.Boolean, _
    ByVal edgeAction As ConvolveFilter.EdgeMode _
)
```

'Usage

```
Dim kernel As Kernel
Dim inPixels() As System.Integer
Dim outPixels() As System.Integer
Dim width As System.Integer
Dim height As System.Integer
Dim alpha As System.Boolean
Dim edgeAction As ConvolveFilter.EdgeMode
```

```
ConvolveFilter.ConvolveV(kernel, inPixels, outPixels, width, height)
public static void ConvolveV(
    Kernel kernel,
    System.int[] inPixels,
    System.int[] outPixels,
    System.int width,
```

```

        System.int height,
        System.bool alpha,
        ConvolveFilter.EdgeMode edgeAction
    )
    public procedure ConvolveV(
        kernel: Kernel;
        inPixels: System.Integerarray of;
        outPixels: System.Integerarray of;
        width: System.Integer;
        height: System.Integer;
        alpha: System.Boolean;
        edgeAction: ConvolveFilter.EdgeMode
    ); static;
    public static function ConvolveV(
        kernel : Kernel,
        inPixels : System.int[],
        outPixels : System.int[],
        width : System.int,
        height : System.int,
        alpha : System.boolean,
        edgeAction : ConvolveFilter.EdgeMode
    );
    public: static void ConvolveV(
        Kernel* kernel,
        System.int[]* inPixels,
        System.int[]* outPixels,
        System.int width,
        System.int height,
        System.bool alpha,
        ConvolveFilter.EdgeMode edgeAction
    )
    public:
    static void ConvolveV(
        Kernel^ kernel,
        System.array<int>^ inPixels,
        System.array<int>^ outPixels,
        System.int width,
        System.int height,
        System.bool alpha,
        ConvolveFilter.EdgeMode edgeAction
    )
)

```

Parameters

kernel
inPixels
outPixels

width
height
alpha
edgeAction

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ConvolveFilter Class](#)
[ConvolveFilter Members](#)

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Run Method (ConvolveFilter)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ConvolveFilter Class : Run Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overridable Sub Run( _
    ByVal image As KalikoImage _ 
)
'Usage

Dim instance As ConvolveFilter
Dim image As KalikoImage

instance.Run(image)
public virtual void Run(
    KalikoImage image
)
public procedure Run(
    image: KalikoImage
); virtual;
public function Run(
    image : KalikoImage
);
public: virtual void Run(
    KalikoImage* image
)
public:
virtual void Run(
    KalikoImage^ image
)
```

Parameters

image

◀ Exceptions

Exception	Description
System.NotImplementedException	The exception that is thrown when a requested method or operation is not implemented.

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ConvolveFilter Class](#)
[ConvolveFilter Members](#)

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Kaliko.ImageLibrary

ConvolveFilter Class Properties

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace](#) : ConvolveFilter Class

For a list of all members of this type, see [ConvolveFilter members](#).

▲ Public Properties

	Name	Description
	Kernel	
	PremultiplyAlpha	
	UseAlpha	

[Top](#)

▲ See Also

Reference

[ConvolveFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

Kernel Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ConvolveFilter Class : Kernel Property

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Property Kernel As Kernel
'Usage

Dim instance As ConvolveFilter
Dim value As Kernel

instance.Kernel = value

value = instance.Kernel
public Kernel Kernel {get; set;}
public read-write property Kernel: Kernel;
public function get, set Kernel : Kernel
public: __property Kernel* get_Kernel();
public: __property void set_Kernel(
    Kernel* value
);
public:
property Kernel^ Kernel {
    Kernel^ get();
    void set (      Kernel^ value);
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ConvolveFilter Class](#)

[ConvolveFilter Members](#)

This documentation was created using [Document! X](#) from Innovasys

PremultiplyAlpha Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ConvolveFilter Class : PremultiplyAlpha Property

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Property PremultiplyAlpha As System.Boolean  
'Usage  
  
Dim instance As ConvolveFilter  
Dim value As System.Boolean  
  
instance.PremultiplyAlpha = value  
  
value = instance.PremultiplyAlpha  
public System.bool PremultiplyAlpha {get; set;}  
public read-write property PremultiplyAlpha: System.Boolean;  
public function get, set PremultiplyAlpha : System.boolean  
public: __property System.bool get_PremultiplyAlpha();  
public: __property void set_PremultiplyAlpha(  
    System.bool value  
);  
public:  
property System.bool PremultiplyAlpha {  
    System.bool get();  
    void set (    System.bool value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ConvolveFilter Class](#)

[ConvolveFilter Members](#)

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UseAlpha Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > ConvolveFilter Class : UseAlpha Property

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Property UseAlpha As System.Boolean
'Usage

Dim instance As ConvolveFilter
Dim value As System.Boolean

instance.UseAlpha = value

value = instance.UseAlpha
public System.bool UseAlpha {get; set;}
public read-write property UseAlpha: System.Boolean;
public function get, set UseAlpha : System.boolean
public: __property System.bool get_UseAlpha();
public: __property void set_UseAlpha(
    System.bool value
);
public:
property System.bool UseAlpha {
    System.bool get();
    void set (    System.bool value);
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ConvolveFilter Class](#)

[ConvolveFilter Members](#)

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DesaturationFilter Class

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

Kaliko.ImageLibrary.Filters Namespace : DesaturationFilter Class

Object Model

DesaturationFilter

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Class DesaturationFilter
    Implements IFilter
'Usage

Dim instance As DesaturationFilter
public class DesaturationFilter : IFilter
public class DesaturationFilter = class(IFilter)
public class DesaturationFilter implements IFilter
public __gc class DesaturationFilter : public IFilter
public ref class DesaturationFilter : public IFilter
```

Inheritance Hierarchy

System.Object

Kaliko.ImageLibrary.Filters.DesaturationFilter

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP

SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[DesaturationFilter Members](#)
[Kaliko.ImageLibrary.Filters Namespace](#)

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DesaturationFilter Class Members

[Methods](#) ▾ [Collapse All](#) ▾ [Members Options: Show All](#)

[Kaliko.ImageLibrary.Filters Namespace](#) : DesaturationFilter Class

The following tables list the members exposed by [DesaturationFilter](#).

► Public Constructors

	Name	Description
=◆	DesaturationFilter Constructor	

[Top](#)

► Public Methods

	Name	Description
=◆	Run	

[Top](#)

► See Also

Reference

[DesaturationFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

DesaturationFilter Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > [DesaturationFilter Class](#) : DesaturationFilter Constructor

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New()
'Usage

Dim instance As New DesaturationFilter()
public DesaturationFilter()
public DesaturationFilter();
public function DesaturationFilter();
public: DesaturationFilter();
public:
DesaturationFilter();
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[DesaturationFilter Class](#)
[DesaturationFilter Members](#)

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DesaturationFilter Class Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace](#) : DesaturationFilter Class

For a list of all members of this type, see [DesaturationFilter members](#).

► Public Methods

	Name	Description
	Run	

[Top](#)

► See Also

Reference

[DesaturationFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

Run Method (DesaturationFilter)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > DesaturationFilter Class : Run Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Sub Run( _
    ByVal image As KalikoImage _
)
'Usage

Dim instance As DesaturationFilter
Dim image As KalikoImage

instance.Run(image)
public void Run(
    KalikoImage image
)
public procedure Run(
    image: KalikoImage
);
public function Run(
    image : KalikoImage
);
public: void Run(
    KalikoImage* image
)
public:
void Run(
    KalikoImage^ image
)
```

Parameters

image

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[DesaturationFilter Class](#)

[DesaturationFilter Members](#)

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GaussianBlurFilter Class

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

Kaliko.ImageLibrary.Filters Namespace : GaussianBlurFilter Class

Object Model

GaussianBlurFilter

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Class GaussianBlurFilter
    Inherits ConvolveFilter
    Implements IFilter
```

'Usage

```
Dim instance As GaussianBlurFilter
public class GaussianBlurFilter : ConvolveFilter, IFilter
public class GaussianBlurFilter = class(ConvolveFilter, IFilter)
public class GaussianBlurFilter extends ConvolveFilter implements
public __gc class GaussianBlurFilter : public ConvolveFilter, IFil
public ref class GaussianBlurFilter : public ConvolveFilter, IFilt
```

Inheritance Hierarchy

System.Object

[Kaliko.ImageLibrary.Filters.ConvolveFilter](#)

Kaliko.ImageLibrary.Filters.GaussianBlurFilter

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[GaussianBlurFilter Members](#)
[Kaliko.ImageLibrary.Filters Namespace](#)

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GaussianBlurFilter Class Members

[Properties](#) [Methods](#) [Collapse All](#) [Members Options: Show All](#)

[Kaliko.ImageLibrary.Filters Namespace](#) : [GaussianBlurFilter Class](#)

The following tables list the members exposed by [GaussianBlurFilter](#).

▲ Public Constructors

	Name	Description
	GaussianBlurFilter Constructor	Overloaded.

[Top](#)

▲ Public Properties

	Name	Description
	Kernel	(Inherited from Kaliko.ImageLibrary.Filters.ConvolveFilter)
	PremultiplyAlpha	(Inherited from Kaliko.ImageLibrary.Filters.ConvolveFilter)
	Radius	The radius of the kernel, and hence the amount of blur. The bigger the radius, the longer this filter will take.
	UseAlpha	(Inherited from Kaliko.ImageLibrary.Filters.ConvolveFilter)

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▲ Public Methods

	Name	Description
	ConvolveAndTranspose	Blur and transpose a block of ARGB pixels.
	CreateKernel	Make a Gaussian blur kernel.
	Run	Overridden.

[Top](#)

◀ See Also

Reference

[GaussianBlurFilter Class](#)
[Kaliko.ImageLibrary.Filters Namespace](#)

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GaussianBlurFilter Constructor

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > GaussianBlurFilter Class : GaussianBlurFilter Constructor

◀ Overload List

Overload	Description
GaussianBlurFilter Constructor()	
GaussianBlurFilter Constructor(Single)	

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[GaussianBlurFilter Class](#)

[GaussianBlurFilter Members](#)

GaussianBlurFilter Constructor()

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > GaussianBlurFilter Class > GaussianBlurFilter Constructor : GaussianBlurFilter Constructor()

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New()
'Usage

Dim instance As New GaussianBlurFilter()
public GaussianBlurFilter()
public GaussianBlurFilter();
public function GaussianBlurFilter();
public: GaussianBlurFilter();
public:
GaussianBlurFilter();
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[GaussianBlurFilter Class](#)
[GaussianBlurFilter Members](#)

Overload List

This documentation was created using [Document! X](#) from Innovasys

GaussianBlurFilter Constructor(Single)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > GaussianBlurFilter Class > GaussianBlurFilter Constructor : GaussianBlurFilter Constructor(Single)

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New( _
    ByVal radius As System.Single _
)
'Usage

Dim radius As System.Single

Dim instance As New GaussianBlurFilter(radius)
public GaussianBlurFilter(
    System.float radius
)
public GaussianBlurFilter(
    radius: System.Single
);
public function GaussianBlurFilter(
    radius : System.float
);
public: GaussianBlurFilter(
    System.float radius
)
public:
GaussianBlurFilter(
    System.float radius
)
```

Parameters

radius

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[GaussianBlurFilter Class](#)

[GaussianBlurFilter Members](#)

[Overload List](#)

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GaussianBlurFilter Class Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace](#) : GaussianBlurFilter Class

For a list of all members of this type, see [GaussianBlurFilter members](#).

▲ Public Methods

	Name	Description
≡◊ S	ConvolveAndTranspose	Blur and transpose a block of ARGB pixels.
≡◊ S	CreateKernel	Make a Gaussian blur kernel.
≡◊	Run	Overridden.

[Top](#)

▲ See Also

Reference

[GaussianBlurFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

ConvolveAndTranspose Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > GaussianBlurFilter Class : ConvolveAndTranspose Method

Blur and transpose a block of ARGB pixels.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Shared Sub ConvolveAndTranspose( _
    ByVal kernel As Kernel, _
    ByVal inPixels() As System.Integer, _
    ByVal outPixels() As System.Integer, _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal alpha As System.Boolean, _
    ByVal premultiply As System.Boolean, _
    ByVal unpremultiply As System.Boolean, _
    ByVal edgeAction As ConvolveFilter.EdgeMode _
)
```

'Usage

```
Dim kernel As Kernel
Dim inPixels() As System.Integer
Dim outPixels() As System.Integer
Dim width As System.Integer
Dim height As System.Integer
Dim alpha As System.Boolean
Dim premultiply As System.Boolean
Dim unpremultiply As System.Boolean
Dim edgeAction As ConvolveFilter.EdgeMode
```

```
GaussianBlurFilter.ConvolveAndTranspose(kernel, inPixels, outPixel
public static void ConvolveAndTranspose(
```

```

    Kernel kernel,
    System.int[] inPixels,
    System.int[] outPixels,
    System.int width,
    System.int height,
    System.bool alpha,
    System.bool premultiply,
    System.bool unpremultiply,
    ConvolveFilter.EdgeMode edgeAction
)
public procedure ConvolveAndTranspose(
    kernel: Kernel;
    inPixels: System.Integerarray of;
    outPixels: System.Integerarray of;
    width: System.Integer;
    height: System.Integer;
    alpha: System.Boolean;
    premultiply: System.Boolean;
    unpremultiply: System.Boolean;
    edgeAction: ConvolveFilter.EdgeMode
); static;
public static function ConvolveAndTranspose(
    kernel : Kernel,
    inPixels : System.int[],
    outPixels : System.int[],
    width : System.int,
    height : System.int,
    alpha : System.boolean,
    premultiply : System.boolean,
    unpremultiply : System.boolean,
    edgeAction : ConvolveFilter.EdgeMode
);
public: static void ConvolveAndTranspose(
    Kernel* kernel,
    System.int[]* inPixels,
    System.int[]* outPixels,
    System.int width,
    System.int height,
    System.bool alpha,
    System.bool premultiply,
    System.bool unpremultiply,
    ConvolveFilter.EdgeMode edgeAction
)
public:
static void ConvolveAndTranspose(
    Kernel^ kernel,
    System.array<int>^ inPixels,
    System.array<int>^ outPixels,
    System.int width,
    System.int height,

```

```
        System.bool alpha,
        System.bool premultiply,
        System.bool unpremultiply,
        ConvolveFilter.EdgeMode edgeAction
    )
```

Parameters

kernel
inPixels
outPixels
width
height
alpha
premultiply
unpremultiply
edgeAction

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[GaussianBlurFilter Class](#)
[GaussianBlurFilter Members](#)

CreateKernel Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > GaussianBlurFilter Class : CreateKernel Method

Make a Gaussian blur kernel.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

```
'Declaration

Public Shared Function CreateKernel( _
    ByVal radius As System.Single _
) As Kernel
'Usage

Dim radius As System.Single
Dim value As Kernel

value = GaussianBlurFilter.CreateKernel(radius)
public static Kernel CreateKernel(
    System.float radius
)
public function CreateKernel(
    radius: System.Single
): Kernel; static;
public static function CreateKernel(
    radius : System.float
) : Kernel;
public: static Kernel* CreateKernel(
    System.float radius
)
public:
static Kernel^ CreateKernel(
    System.float radius
)
```

Parameters

radius

the blur radius

Return Value

the kernel

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[GaussianBlurFilter Class](#)

[GaussianBlurFilter Members](#)

Run Method (GaussianBlurFilter)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > GaussianBlurFilter Class : Run Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Overrides Sub Run( _
    ByVal image As KalikoImage _
)
'Usage

Dim instance As GaussianBlurFilter
Dim image As KalikoImage

instance.Run(image)
public override void Run(
    KalikoImage image
)
public procedure Run(
    image: KalikoImage
); override;
public override function Run(
    image : KalikoImage
);
public: void Run(
    KalikoImage* image
) override
public:
void Run(
    KalikoImage^ image
) override
```

Parameters

image

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[GaussianBlurFilter Class](#)

[GaussianBlurFilter Members](#)

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GaussianBlurFilter Class Properties

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace](#) : GaussianBlurFilter Class

For a list of all members of this type, see [GaussianBlurFilter members](#).

▲ Public Properties

	Name	Description
	Kernel	(Inherited from Kaliko.ImageLibrary.Filters.ConvolveFilter)
	PremultiplyAlpha	(Inherited from Kaliko.ImageLibrary.Filters.ConvolveFilter)
	Radius	The radius of the kernel, and hence the amount of blur. The bigger the radius, the longer this filter will take.
	UseAlpha	(Inherited from Kaliko.ImageLibrary.Filters.ConvolveFilter)

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▲ See Also

Reference

[GaussianBlurFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

Radius Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > GaussianBlurFilter Class : Radius Property

The radius of the kernel, and hence the amount of blur. The bigger the radius, the longer this filter will take.

◀ Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Property Radius As System.Single  
'Usage  
  
Dim instance As GaussianBlurFilter  
Dim value As System.Single  
  
instance.Radius = value  
  
value = instance.Radius  
public System.float Radius {get; set;}  
public read-write property Radius: System.Single;  
public function get, set Radius : System.float  
public: __property System.float get_Radius();  
public: __property void set_Radius(  
    System.float value  
);  
public:  
property System.float Radius {  
    System.float get();  
    void set (    System.float value);  
}
```

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[GaussianBlurFilter Class](#)

[GaussianBlurFilter Members](#)

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InvertFilter Class

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

Kaliko.ImageLibrary.Filters Namespace : InvertFilter Class

Object Model

InvertFilter

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Class InvertFilter
    Implements IFilter
'Usage

Dim instance As InvertFilter
public class InvertFilter : IFilter
public class InvertFilter = class(IFilter)
public class InvertFilter implements IFilter
public __gc class InvertFilter : public IFilter
public ref class InvertFilter : public IFilter
```

Inheritance Hierarchy

System.Object

Kaliko.ImageLibrary.Filters.InvertFilter

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP

SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[InvertFilter Members](#)
[Kaliko.ImageLibrary.Filters Namespace](#)

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Kaliko.ImageLibrary

InvertFilter Class Members

[Methods](#) ▾ [Collapse All](#) ▾ [Members Options: Show All](#)

[Kaliko.ImageLibrary.Filters Namespace](#) : InvertFilter Class

The following tables list the members exposed by [InvertFilter](#).

► Public Constructors

	Name	Description
=◆	InvertFilter Constructor	

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► Public Methods

	Name	Description
=◆	Run	

[Top](#)

► See Also

Reference

[InvertFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

InvertFilter Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > InvertFilter Class : InvertFilter Constructor

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New()
'Usage

Dim instance As New InvertFilter()
public InvertFilter()
public InvertFilter();
public function InvertFilter();
public: InvertFilter();
public:
InvertFilter();
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[InvertFilter Class](#)
[InvertFilter Members](#)

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Kaliko.ImageLibrary

InvertFilter Class Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace](#) : InvertFilter Class

For a list of all members of this type, see [InvertFilter members](#).

▲ Public Methods

	Name	Description
	Run	

[Top](#)

▲ See Also

Reference

[InvertFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

Run Method (InvertFilter)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > InvertFilter Class : Run Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Sub Run( _
    ByVal image As KalikoImage _
)
'Usage

Dim instance As InvertFilter
Dim image As KalikoImage

instance.Run(image)
public void Run(
    KalikoImage image
)
public procedure Run(
    image: KalikoImage
);
public function Run(
    image : KalikoImage
);
public: void Run(
    KalikoImage* image
)
public:
void Run(
    KalikoImage^ image
)
```

Parameters

image

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[InvertFilter Class](#)

[InvertFilter Members](#)

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Kernel Class

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

[Kaliko.ImageLibrary.Filters Namespace](#) : Kernel Class

Object Model

Kernel

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Class Kernel
'Usage

Dim instance As Kernel
public class Kernel
public class Kernel
public class Kernel
public __gc class Kernel
public ref class Kernel
```

Inheritance Hierarchy

System.Object

Kaliko.ImageLibrary.Filters.Kernel

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[Kernel Members](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

Kaliko.ImageLibrary

Kernel Class Members

[Properties](#) [Methods](#) ▶ [Collapse All](#) ▶ [Members Options: Show All](#)

[Kaliko.ImageLibrary.Filters Namespace](#) : Kernel Class

The following tables list the members exposed by [Kernel](#).

► Public Constructors

	Name	Description
	Kernel Constructor	

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► Public Properties

	Name	Description
	Data	
	Height	
	Width	

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► Public Methods

	Name	Description
	GetKernel	

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► See Also

Reference

[Kernel Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

Kernel Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > Kernel Class : Kernel Constructor

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal width As System.Integer, _
    ByVal height As System.Integer, _
    ByVal data() As System.Single _
)
'Usage

Dim width As System.Integer
Dim height As System.Integer
Dim data() As System.Single

Dim instance As New Kernel(width, height, data)
public Kernel(
    System.int width,
    System.int height,
    System.float[] data
)
public Kernel(
    width: System.Integer;
    height: System.Integer;
    data: System.Singlearray of
);
public function Kernel(
    width : System.int,
    height : System.int,
    data : System.float[]
);
public: Kernel(
```

```
        System.int width,
        System.int height,
        System.float[]* data
    )
public:
Kernel(
    System.int width,
    System.int height,
    System.array<float>^ data
)
```

Parameters

width
height
data

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[Kernel Class](#)
[Kernel Members](#)

Kaliko.ImageLibrary

Kernel Class Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace](#) : Kernel Class

For a list of all members of this type, see [Kernel members](#).

▲ Public Methods

	Name	Description
	GetKernel	

[Top](#)

▲ See Also

Reference

[Kernel Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

GetKernel Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > Kernel Class : GetKernel Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function GetKernel() As System.Single()  
'Usage  
  
Dim instance As Kernel  
Dim value() As System.Single  
  
value = instance.GetKernel()  
public System.float[] GetKernel()  
public function GetKernel(): System.array of Single;  
public function GetKernel() : System.float[];  
public: System.float[]* GetKernel();  
public:  
System.array<float>^ GetKernel();
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[Kernel Class](#)

[Kernel Members](#)

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Kaliko.ImageLibrary

Kernel Class Properties

► Collapse All ► Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace](#) : Kernel Class

For a list of all members of this type, see [Kernel members](#).

▲ Public Properties

	Name	Description
	Data	
	Height	
	Width	

[Top](#)

▲ See Also

Reference

[Kernel Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

Data Property

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > [Kernel Class](#) : Data Property

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Property Data As System.Single()  
'Usage  
  
Dim instance As Kernel  
Dim value() As System.Single  
  
instance.Data = value  
  
value = instance.Data  
public System.float[] Data {get; set;}  
public read-write property Data: System.array of Single;  
public function get, set Data : System.float[]  
public: __property System.float[]* get_Data();  
public: __property void set_Data(  
    System.float[]* value  
);  
public:  
property System.array<float>^ Data {  
    System.array<float>^ get();  
    void set (    System.array<float>^ value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[Kernel Class](#)

[Kernel Members](#)

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Height Property (Kernel)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > Kernel Class : Height Property

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Property Height As System.Integer  
'Usage  
  
Dim instance As Kernel  
Dim value As System.Integer  
  
instance.Height = value  
  
value = instance.Height  
public System.int Height {get; set;}  
public read-write property Height: System.Integer;  
public function get, set Height : System.int  
public: __property System.int get_Height();  
public: __property void set_Height(  
    System.int value  
);  
public:  
property System.int Height {  
    System.int get();  
    void set (    System.int value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[Kernel Class](#)

[Kernel Members](#)

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Width Property (Kernel)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > Kernel Class : Width Property

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Property Width As System.Integer  
'Usage  
  
Dim instance As Kernel  
Dim value As System.Integer  
  
instance.Width = value  
  
value = instance.Width  
public System.int Width {get; set;}  
public read-write property Width: System.Integer;  
public function get, set Width : System.int  
public: __property System.int get_Width();  
public: __property void set_Width(  
    System.int value  
);  
public:  
property System.int Width {  
    System.int get();  
    void set (    System.int value);  
}
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[Kernel Class](#)

[Kernel Members](#)

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PixelUtils Class

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

[Kaliko.ImageLibrary.Filters Namespace](#) : PixelUtils Class

Object Model

PixelUtils

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Class PixelUtils
'Usage

Dim instance As PixelUtils
public class PixelUtils
public class PixelUtils
public class PixelUtils
public __gc class PixelUtils
public ref class PixelUtils
```

Inheritance Hierarchy

System.Object

Kaliko.ImageLibrary.Filters.PixelUtils

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server

2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[PixelUtils Members](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

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PixelUtils Class Members

[Methods](#) ▾ [Collapse All](#) ▾ [Members Options: Show All](#)

[Kaliko.ImageLibrary.Filters Namespace](#) : [PixelUtils Class](#)

The following tables list the members exposed by [PixelUtils](#).

▲ Public Constructors

	Name	Description
=  S	PixelUtils Constructor	

[Top](#)

▲ Public Methods

	Name	Description
=  S	Brightness	
=  S	Clamp	Clamp a value to the range 0..255
=  S	Interpolate	
=  S	NearColors	

[Top](#)

▲ See Also

Reference

[PixelUtils Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

PixelUtils Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > PixelUtils Class : PixelUtils Constructor

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New()
'Usage

Dim instance As New PixelUtils()
public PixelUtils()
public PixelUtils();
public function PixelUtils();
public: PixelUtils();
public:
PixelUtils();
```

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[PixelUtils Class](#)
[PixelUtils Members](#)

This documentation was created using [Document! X](#) from Innovasys

PixelUtils Class Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace](#) : [PixelUtils Class](#)

For a list of all members of this type, see [PixelUtils members](#).

▲ Public Methods

	Name	Description
= ♦ S	Brightness	
= ♦ S	Clamp	Clamp a value to the range 0..255
= ♦ S	Interpolate	
= ♦ S	NearColors	

[Top](#)

▲ See Also

Reference

[PixelUtils Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

Brightness Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > PixelUtils Class : Brightness Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Shared Function Brightness( _
    ByVal rgb As System.Integer _
) As System.Integer
'Usage

Dim rgb As System.Integer
Dim value As System.Integer

value = PixelUtils.Brightness(rgb)
public static System.int Brightness(
    System.int rgb
)
public function Brightness(
    rgb: System.Integer
): System.Integer; static;
public static function Brightness(
    rgb : System.int
) : System.int;
public: static System.int Brightness(
    System.int rgb
)
public:
static System.int Brightness(
    System.int rgb
)
```

Parameters

rgb

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[PixelUtils Class](#)

[PixelUtils Members](#)

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Clamp Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > PixelUtils Class : Clamp Method

Clamp a value to the range 0..255

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Shared Function Clamp( _
    ByVal value As System.Integer _ 
) As System.Integer
'Usage

Dim value As System.Integer
Dim value As System.Integer

value = PixelUtils.Clamp(value)
public static System.int Clamp(
    System.int value
)
public function Clamp(
    value: System.Integer
): System.Integer; static;
public static function Clamp(
    value : System.int
) : System.int;
public: static System.int Clamp(
    System.int value
)
public:
static System.int Clamp(
    System.int value
)
```

Parameters

value

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[PixelUtils Class](#)

[PixelUtils Members](#)

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Interpolate Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > PixelUtils Class : Interpolate Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Shared Function Interpolate( _
    ByVal v1 As System.Integer, _
    ByVal v2 As System.Integer, _
    ByVal f As System.Single _
) As System.Integer
```

'Usage

```
Dim v1 As System.Integer
Dim v2 As System.Integer
Dim f As System.Single
Dim value As System.Integer
```

```
value = PixelUtils.Interpolate(v1, v2, f)
public static System.int Interpolate(
    System.int v1,
    System.int v2,
    System.float f
)
public function Interpolate(
    v1: System.Integer;
    v2: System.Integer;
    f: System.Single
): System.Integer; static;
public static function Interpolate(
    v1 : System.int,
    v2 : System.int,
    f : System.float
) : System.int;
```

```
public: static System.int Interpolate(  
    System.int v1,  
    System.int v2,  
    System.float f  
)  
public:  
static System.int Interpolate(  
    System.int v1,  
    System.int v2,  
    System.float f  
)
```

Parameters

v1

v2

f

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[PixelUtils Class](#)

[PixelUtils Members](#)

NearColors Method

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > PixelUtils Class : NearColors Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Shared Function NearColors( _
    ByVal rgb1 As System.Integer, _
    ByVal rgb2 As System.Integer, _
    ByVal tolerance As System.Integer _
) As System.Boolean
'Usage

Dim rgb1 As System.Integer
Dim rgb2 As System.Integer
Dim tolerance As System.Integer
Dim value As System.Boolean

value = PixelUtils.NearColors(rgb1, rgb2, tolerance)
public static System.bool NearColors(
    System.int rgb1,
    System.int rgb2,
    System.int tolerance
)
public function NearColors(
    rgb1: System.Integer;
    rgb2: System.Integer;
    tolerance: System.Integer
): System.Boolean; static;
public static function NearColors(
    rgb1 : System.int,
    rgb2 : System.int,
    tolerance : System.int
) : System.boolean;
```

```
public: static System.bool NearColors(
    System.int rgb1,
    System.int rgb2,
    System.int tolerance
)
public:
static System.bool NearColors(
    System.int rgb1,
    System.int rgb2,
    System.int tolerance
)
```

Parameters

rgb1
rgb2
tolerance

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[PixelUtils Class](#)
[PixelUtils Members](#)

UnsharpMaskFilter Class

[Members](#) ▶ [Collapse All](#) ▶ [Language Filter: All](#)

Kaliko.ImageLibrary.Filters Namespace : UnsharpMaskFilter Class

Object Model

UnsharpMaskFilter

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Class UnsharpMaskFilter
    Implements IFilter
'Usage

Dim instance As UnsharpMaskFilter
public class UnsharpMaskFilter : IFilter
public class UnsharpMaskFilter = class(IFilter)
public class UnsharpMaskFilter implements IFilter
public __gc class UnsharpMaskFilter : public IFilter
public ref class UnsharpMaskFilter : public IFilter
```

Inheritance Hierarchy

System.Object

Kaliko.ImageLibrary.Filters.UnsharpMaskFilter

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP

SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[UnsharpMaskFilter Members](#)
[Kaliko.ImageLibrary.Filters Namespace](#)

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UnsharpMaskFilter Class Members

[Methods](#) ▾ [Collapse All](#) ▾ [Members Options: Show All](#)

[Kaliko.ImageLibrary.Filters Namespace](#) : [UnsharpMaskFilter Class](#)

The following tables list the members exposed by [UnsharpMaskFilter](#).

► Public Constructors

	Name	Description
=◆	UnsharpMaskFilter Constructor	

[Top](#)

► Public Methods

	Name	Description
=◆	Run	

[Top](#)

► See Also

Reference

[UnsharpMaskFilter Class](#)
[Kaliko.ImageLibrary.Filters Namespace](#)

UnsharpMaskFilter Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > UnsharpMaskFilter Class : UnsharpMaskFilter Constructor

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal radius As System.Single, _
    ByVal amount As System.Single, _
    ByVal threshold As System.Integer _
)
'Usage

Dim radius As System.Single
Dim amount As System.Single
Dim threshold As System.Integer

Dim instance As New UnsharpMaskFilter(radius, amount, threshold)
public UnsharpMaskFilter(
    System.float radius,
    System.float amount,
    System.int threshold
)
public UnsharpMaskFilter(
    radius: System.Single;
    amount: System.Single;
    threshold: System.Integer
);
public function UnsharpMaskFilter(
    radius : System.float,
    amount : System.float,
    threshold : System.int
);
public: UnsharpMaskFilter(
```

```
        System.float radius,
        System.float amount,
        System.int threshold
    )
public:
UnsharpMaskFilter(
    System.float radius,
    System.float amount,
    System.int threshold
)
```

Parameters

radius
amount
threshold

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[UnsharpMaskFilter Class](#)
[UnsharpMaskFilter Members](#)

UnsharpMaskFilter Class Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace](#) : [UnsharpMaskFilter Class](#)

For a list of all members of this type, see [UnsharpMaskFilter members](#).

▲ Public Methods

	Name	Description
	Run	

[Top](#)

▲ See Also

Reference

[UnsharpMaskFilter Class](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

Run Method (UnsharpMaskFilter)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > UnsharpMaskFilter Class : Run Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Sub Run( _
    ByVal image As KalikoImage _
)
'Usage

Dim instance As UnsharpMaskFilter
Dim image As KalikoImage

instance.Run(image)
public void Run(
    KalikoImage image
)
public procedure Run(
    image: KalikoImage
);
public function Run(
    image : KalikoImage
);
public: void Run(
    KalikoImage* image
)
public:
void Run(
    KalikoImage^ image
)
```

Parameters

image

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[UnsharpMaskFilter Class](#)

[UnsharpMaskFilter Members](#)

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ConvolveFilter.EdgeMode Enumeration

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace : ConvolveFilter.EdgeMode Enumeration

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Enum ConvolveFilter.EdgeMode
    Inherits System.Enum
'Usage

Dim instance As ConvolveFilter.EdgeMode
public enum ConvolveFilter.EdgeMode : System.Enum
public enum ConvolveFilter.EdgeMode = class(System.Enum)
public enum ConvolveFilter.EdgeMode extends System.Enum
__value public enum ConvolveFilter.EdgeMode : public System.Enum
public enum class ConvolveFilter.EdgeMode : public System.Enum
```

► Members

Member	Description
Clamp	Clamp pixels off the edge to the nearest edge.
Wrap	Wrap pixels off the edge to the opposite edge.
Zero	Treat pixels off the edge as zero.

► Inheritance Hierarchy

```
System.Object
  System.ValueType
```

System.Enum

Kaliko.ImageLibrary.Filters.ConvolveFilter.EdgeMode

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[Kaliko.ImageLibrary.Filters Namespace](#)

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IFilter Interface

[Members](#) ▶ [Collapse All](#) ▶ [Language Filter: All](#)

[Kaliko.ImageLibrary.Filters Namespace : IFilter Interface](#)

Object Model

IFilter

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Interface IFilter
'Usage

Dim instance As IFilter
public interface IFilter
public interface IFilter
public interface IFilter
public __gc __interface IFilter
public interface class IFilter
```

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

See Also

[Reference](#)

IFilter Members

Kaliko.ImageLibrary.Filters Namespace

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IFilter Interface Members

[Methods](#) ▶ [Collapse All](#) ▶ [Members Options: Show All](#)

[Kaliko.ImageLibrary.Filters Namespace : IFilter Interface](#)

The following tables list the members exposed by [IFilter](#).

► Public Methods

	Name	Description
	Run	

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► See Also

Reference

[IFilter Interface](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

Kaliko.ImageLibrary

IFilter Interface Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.Filters Namespace : IFilter Interface](#)

For a list of all members of this type, see [IFilter members](#).

▲ Public Methods

	Name	Description
	Run	

[Top](#)

▲ See Also

Reference

[IFilter Interface](#)

[Kaliko.ImageLibrary.Filters Namespace](#)

This documentation was created using [Document! X](#) from Innovasys

Run Method (IFilter)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Filters Namespace > IFilter Interface : Run Method

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Sub Run( _
    ByVal image As KalikoImage _
)
'Usage

Dim instance As IFilter
Dim image As KalikoImage

instance.Run(image)
void Run(
    KalikoImage image
)
procedure Run(
    image: KalikoImage
);
function Run(
    image : KalikoImage
);
void Run(
    KalikoImage* image
)
void Run(
    KalikoImage^ image
)
```

Parameters

image

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[IFilter Interface](#)

[IFilter Members](#)

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Kaliko.ImageLibrary.Scaling Namespace

[Inheritance Hierarchy](#) ▶ [Collapse All](#)

◀ Classes

	Class	Description
	CropScaling	
	FitScaling	
	PadScaling	
	ScalingBase	Abstract class used by scaling engines.

◀ See Also

Reference

[Kaliko.ImageLibrary Assembly](#)

This documentation was created using [Document! X](#) from Innovasys

CropScaling Class

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

Kaliko.ImageLibrary.Scaling Namespace : CropScaling Class

Object Model

[CropScaling](#)

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Class CropScaling
    Inherits ScalingBase
'Usage

Dim instance As CropScaling
public class CropScaling : ScalingBase
public class CropScaling = class(ScalingBase)
public class CropScaling extends ScalingBase
public __gc class CropScaling : public ScalingBase
public ref class CropScaling : public ScalingBase
```

Inheritance Hierarchy

System.Object

[Kaliko.ImageLibrary.Scaling.ScalingBase](#)

Kaliko.ImageLibrary.Scaling.CropScaling

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[CropScaling Members](#)

[Kaliko.ImageLibrary.Scaling Namespace](#)

[FitScaling Class](#)

[PadScaling Class](#)

This documentation was created using [Document! X](#) from Innovasys

CropScaling Class Members

[Methods](#) ▾ [Collapse All](#) ▾ [Members Options: Show All](#)

[Kaliko.ImageLibrary.Scaling Namespace](#) : CropScaling Class

The following tables list the members exposed by [CropScaling](#).

► Public Constructors

	Name	Description
≡	CropScaling Constructor	

[Top](#)

► Public Methods

	Name	Description
≡	Scale	Core function that applies the scaling to the image. (Inherited from Kaliko.ImageLibrary.Scaling.ScalingBase)

[Top](#)

► See Also

Reference

[CropScaling Class](#)

[Kaliko.ImageLibrary.Scaling Namespace](#)

[FitScaling Class](#)

[PadScaling Class](#)

CropScaling Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Scaling Namespace > [CropScaling Class](#) : CropScaling Constructor

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New( _
    ByVal targetWidth As System.Integer, _
    ByVal targetHeight As System.Integer _
)
'Usage

Dim targetWidth As System.Integer
Dim targetHeight As System.Integer

Dim instance As New CropScaling(targetWidth, targetHeight)
public CropScaling(
    System.int targetWidth,
    System.int targetHeight
)
public CropScaling(
    targetWidth: System.Integer;
    targetHeight: System.Integer
);
public function CropScaling(
    targetWidth : System.int,
    targetHeight : System.int
);
public: CropScaling(
    System.int targetWidth,
    System.int targetHeight
)
public:
CropScaling(
```

```
        System.int targetWidth,  
        System.int targetHeight  
)
```

Parameters

targetWidth
targetHeight

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[CropScaling Class](#)
[CropScaling Members](#)

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FitScaling Class

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

[Kaliko.ImageLibrary.Scaling Namespace](#) : FitScaling Class

Object Model

FitScaling

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Class FitScaling
    Inherits ScalingBase
'Usage

Dim instance As FitScaling
public class FitScaling : ScalingBase
public class FitScaling = class(ScalingBase)
public class FitScaling extends ScalingBase
public __gc class FitScaling : public ScalingBase
public ref class FitScaling : public ScalingBase
```

Inheritance Hierarchy

System.Object

[Kaliko.ImageLibrary.Scaling.ScalingBase](#)

Kaliko.ImageLibrary.Scaling.FitScaling

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[FitScaling Members](#)

[Kaliko.ImageLibrary.Scaling Namespace](#)

[CropScaling Class](#)

[PadScaling Class](#)

This documentation was created using [Document! X](#) from Innovasys

FitScaling Class Members

[Methods](#) ▾ [Collapse All](#) ▾ [Members Options: Show All](#)

[Kaliko.ImageLibrary.Scaling Namespace](#) : FitScaling Class

The following tables list the members exposed by [FitScaling](#).

► Public Constructors

	Name	Description
=◆	FitScaling Constructor	

[Top](#)

► Public Methods

	Name	Description
=◆	Scale	Core function that applies the scaling to the image. (Inherited from Kaliko.ImageLibrary.Scaling.ScalingBase)

[Top](#)

► See Also

Reference

[FitScaling Class](#)

[Kaliko.ImageLibrary.Scaling Namespace](#)

[CropScaling Class](#)

[PadScaling Class](#)

FitScaling Constructor

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Scaling Namespace > FitScaling Class : FitScaling Constructor

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal targetWidth As System.Integer, _
    ByVal targetHeight As System.Integer _
)
'Usage

Dim targetWidth As System.Integer
Dim targetHeight As System.Integer

Dim instance As New FitScaling(targetWidth, targetHeight)
public FitScaling(
    System.int targetWidth,
    System.int targetHeight
)
public FitScaling(
    targetWidth: System.Integer;
    targetHeight: System.Integer
);
public function FitScaling(
    targetWidth : System.int,
    targetHeight : System.int
);
public: FitScaling(
    System.int targetWidth,
    System.int targetHeight
)
public:
FitScaling(
```

```
        System.int targetWidth,  
        System.int targetHeight  
)
```

Parameters

targetWidth
targetHeight

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[FitScaling Class](#)
[FitScaling Members](#)

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Kaliko.ImageLibrary

PadScaling Class

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

[Kaliko.ImageLibrary.Scaling Namespace](#) : PadScaling Class

Object Model

PadScaling

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Class PadScaling
    Inherits ScalingBase
'Usage

Dim instance As PadScaling
public class PadScaling : ScalingBase
public class PadScaling = class(ScalingBase)
public class PadScaling extends ScalingBase
public __gc class PadScaling : public ScalingBase
public ref class PadScaling : public ScalingBase
```

Inheritance Hierarchy

System.Object

[Kaliko.ImageLibrary.Scaling.ScalingBase](#)

Kaliko.ImageLibrary.Scaling.PadScaling

Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[PadScaling Members](#)

[Kaliko.ImageLibrary.Scaling Namespace](#)

[CropScaling Class](#)

[FitScaling Class](#)

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Kaliko.ImageLibrary

PadScaling Class Members

[Methods](#) ▾ [Collapse All](#) ▾ [Members Options: Show All](#)

[Kaliko.ImageLibrary.Scaling Namespace](#) : PadScaling Class

The following tables list the members exposed by [PadScaling](#).

► Public Constructors

	Name	Description
=◆	PadScaling Constructor	Overloaded.

[Top](#)

► Public Methods

	Name	Description
=◆	Scale	Core function that applies the scaling to the image. (Inherited from Kaliko.ImageLibrary.Scaling.ScalingBase)

[Top](#)

► See Also

Reference

[PadScaling Class](#)

[Kaliko.ImageLibrary.Scaling Namespace](#)

[CropScaling Class](#)

[FitScaling Class](#)

PadScaling Constructor

▶ Collapse All ▶ Language Filter: All

Kaliko.ImageLibrary.Scaling Namespace > PadScaling Class : PadScaling Constructor

◀ Overload List

Overload	Description
PadScaling Constructor(Int32,Int32)	
PadScaling Constructor(Int32,Int32,Color)	

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[PadScaling Class](#)
[PadScaling Members](#)

PadScaling Constructor(Int32,Int32)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Scaling Namespace > PadScaling Class > PadScaling Constructor : PadScaling Constructor(Int32,Int32)

◀ Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

'Declaration

```
Public Function New( _
    ByVal targetWidth As System.Integer, _
    ByVal targetHeight As System.Integer _
)
'Usage

Dim targetWidth As System.Integer
Dim targetHeight As System.Integer

Dim instance As New PadScaling(targetWidth, targetHeight)
public PadScaling(
    System.int targetWidth,
    System.int targetHeight
)
public PadScaling(
    targetWidth: System.Integer;
    targetHeight: System.Integer
);
public function PadScaling(
    targetWidth : System.int,
    targetHeight : System.int
);
public: PadScaling(
    System.int targetWidth,
    System.int targetHeight
)
public:
```

```
PadScaling(  
    System.int targetWidth,  
    System.int targetHeight  
)
```

Parameters

targetWidth
targetHeight

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[PadScaling Class](#)
[PadScaling Members](#)
[Overload List](#)

PadScaling Constructor(Int32,Int32,Color)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Scaling Namespace > PadScaling Class > PadScaling Constructor : PadScaling Constructor(Int32,Int32,Color)

► Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public Function New( _
    ByVal targetWidth As System.Integer, _
    ByVal targetHeight As System.Integer, _
    ByVal backgroundColor As System.Drawing.Color _
)
'Usage

Dim targetWidth As System.Integer
Dim targetHeight As System.Integer
Dim backgroundColor As System.Drawing.Color

Dim instance As New PadScaling(targetWidth, targetHeight, backgrou
public PadScaling(
    System.int targetWidth,
    System.int targetHeight,
    System.Drawing.Color backgroundColor
)
public PadScaling(
    targetWidth: System.Integer;
    targetHeight: System.Integer;
    backgroundColor: System.Drawing.Color
);
public function PadScaling(
    targetWidth : System.int,
    targetHeight : System.int,
    backgroundColor : System.Drawing.Color
);
```

```
public: PadScaling(  
    System.int targetWidth,  
    System.int targetHeight,  
    System.Drawing.Color backgroundColor  
)  
public:  
PadScaling(  
    System.int targetWidth,  
    System.int targetHeight,  
    System.Drawing.Color backgroundColor  
)
```

Parameters

targetWidth
targetHeight
backgroundColor

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[PadScaling Class](#)
[PadScaling Members](#)
[Overload List](#)

ScalingBase Class

[Members](#) ▾ [Collapse All](#) ▾ [Language Filter: All](#)

[Kaliko.ImageLibrary.Scaling Namespace](#) : ScalingBase Class

Abstract class used by scaling engines.

Object Model

ScalingBase

Syntax

- [Visual Basic](#)
- [C#](#)
- [Delphi](#)
- [JScript](#)
- [Managed Extensions for C++](#)
- [C++/CLI](#)

'Declaration

```
Public MustInherit Class ScalingBase
'Usage

Dim instance As ScalingBase
public abstract class ScalingBase
public class ScalingBase abstract;
public abstract class ScalingBase
public __gc abstract class ScalingBase
public ref class ScalingBase abstract
```

Inheritance Hierarchy

System.Object

Kaliko.ImageLibrary.Scaling.ScalingBase

[Kaliko.ImageLibrary.Scaling.CropScaling](#)

[Kaliko.ImageLibrary.Scaling.FitScaling](#)

[Kaliko.ImageLibrary.Scaling.PadScaling](#)

◀ Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

◀ See Also

Reference

[ScalingBase Members](#)

[Kaliko.ImageLibrary.Scaling Namespace](#)

[CropScaling Class](#)

[FitScaling Class](#)

[PadScaling Class](#)

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Kaliko.ImageLibrary

ScalingBase Class Members

[Methods](#) ▶ [Collapse All](#) ▶ [Members Options: Show All](#)

[Kaliko.ImageLibrary.Scaling Namespace](#) : ScalingBase Class

The following tables list the members exposed by [ScalingBase](#).

► Public Methods

	Name	Description
≡◆	Scale	Core function that applies the scaling to the image.

[Top](#)

► See Also

Reference

[ScalingBase Class](#)

[Kaliko.ImageLibrary.Scaling Namespace](#)

[CropScaling Class](#)

[FitScaling Class](#)

[PadScaling Class](#)

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ScalingBase Class Methods

▶ Collapse All ▶ Members Options: Show All

[Kaliko.ImageLibrary.Scaling Namespace](#) : ScalingBase Class

For a list of all members of this type, see [ScalingBase members](#).

▲ Public Methods

	Name	Description
≡◆	Scale	Core function that applies the scaling to the image.

[Top](#)

▲ See Also

Reference

[ScalingBase Class](#)

[Kaliko.ImageLibrary.Scaling Namespace](#)

[CropScaling Class](#)

[FitScaling Class](#)

[PadScaling Class](#)

Scale Method (ScalingBase)

► Collapse All ► Language Filter: All

Kaliko.ImageLibrary.Scaling Namespace > ScalingBase Class : Scale Method

Core function that applies the scaling to the image.

► Syntax

- Visual Basic
- C#
- Delphi
- JScript
- Managed Extensions for C++
- C++/CLI

```
'Declaration

Public Function Scale( _
    ByVal sourceImage As KalikoImage _ 
) As KalikoImage
'Usage

Dim instance As ScalingBase
Dim sourceImage As KalikoImage
Dim value As KalikoImage

value = instance.Scale(sourceImage)
public KalikoImage Scale(
    KalikoImage sourceImage
)
public function Scale(
    sourceImage: KalikoImage
): KalikoImage;
public function Scale(
    sourceImage : KalikoImage
) : KalikoImage;
public: KalikoImage* Scale(
    KalikoImage* sourceImage
)
public:
KalikoImage^ Scale(
    KalikoImage^ sourceImage
```

)

Parameters

sourceImage

Image to be scaled

Return Value

Scaled image

► Requirements

Target Platforms: Windows 7, Windows Vista SP1 or later, Windows XP SP3, Windows Server 2008 (Server Core not supported), Windows Server 2008 R2 (Server Core supported with SP1 or later), Windows Server 2003 SP2

► See Also

Reference

[ScalingBase Class](#)

[ScalingBase Members](#)

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Kaliko.ImageLibrary

Kaliko.ImageLibrary Namespace

Inheritance Hierarchy

▶ Collapse All

◀ Inheritance Hierarchy

System.Object

 Kaliko.ImageLibrary.KalikoImage

◀ See Also

Reference

[Kaliko.ImageLibrary Assembly](#)

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Kaliko.ImageLibrary

Kaliko.ImageLibrary.ColorSpace Namespace Inheritance Hierarchy

› Collapse All

► Inheritance Hierarchy

System.Object

 Kaliko.ImageLibrary.ColorSpace.ColorSpaceHelper

 System.ValueType

 Kaliko.ImageLibrary.ColorSpace.CIELab

 Kaliko.ImageLibrary.ColorSpace.CIEXYZ

 Kaliko.ImageLibrary.ColorSpace.CMYK

 Kaliko.ImageLibrary.ColorSpace.HSB

 Kaliko.ImageLibrary.ColorSpace.HSL

 Kaliko.ImageLibrary.ColorSpace.RGB

 Kaliko.ImageLibrary.ColorSpace.YUV

► See Also

Reference

[Kaliko.ImageLibrary Assembly](#)

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Kaliko.ImageLibrary

Kaliko.ImageLibrary.Filters Namespace

Inheritance Hierarchy

› Collapse All

► Inheritance Hierarchy

System.Object

- Kaliko.ImageLibrary.Filters.BrightnessFilter
- Kaliko.ImageLibrary.Filters.ChromaKeyFilter
- Kaliko.ImageLibrary.Filters.ContrastFilter
- Kaliko.ImageLibrary.Filters.ConvolveFilter
 - Kaliko.ImageLibrary.Filters.GaussianBlurFilter
 - Kaliko.ImageLibrary.Filters.DesaturationFilter
 - Kaliko.ImageLibrary.Filters.InvertFilter
 - Kaliko.ImageLibrary.Filters.Kernel
 - Kaliko.ImageLibrary.Filters.PixelUtils
 - Kaliko.ImageLibrary.Filters.UnsharpMaskFilter

► See Also

Reference

[Kaliko.ImageLibrary Assembly](#)

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Kaliko.ImageLibrary

Kaliko.ImageLibrary.Scaling Namespace Inheritance Hierarchy

› Collapse All

► Inheritance Hierarchy

System.Object

 Kaliko.ImageLibrary.Scaling.ScalingBase
 Kaliko.ImageLibrary.Scaling.CropScaling
 Kaliko.ImageLibrary.Scaling.FitScaling
 Kaliko.ImageLibrary.Scaling.PadScaling

► See Also

Reference

[Kaliko.ImageLibrary Assembly](#)

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