Protocol

InitializableFromCGImage

A pixel format that supports initialization from a Core Graphics image.

iOS 16.0+ | iPadOS 16.0+ | Mac Catalyst | macOS 13.0+ | tvOS 16.0+ | visionOS | watchOS 9.0+

```
protocol InitializableFromCGImage : SinglePlanePixelFormat
```

Topics

Type Properties

static var bitCountPerComponent: Int

The number of bits in a channel.

Required

Relationships

Inherits From

PixelFormat, SinglePlanePixelFormat

Conforming Types

vImage.Interleaved16Fx4
vImage.Interleaved16Ux2
vImage.Interleaved16Ux4

```
vImage.Interleaved8x3
vImage.Interleaved8x4
vImage.InterleavedFx3
vImage.InterleavedFx4
vImage.Planar16F
vImage.Planar8
vImage.PlanarF
```

See Also

Protocols

protocol `MultiplePlanePixelFormat`

A pixel format that contains multiple homogeneous planes represented by multiple underlying vImage buffers.

protocol `PixelFormat`

A pixel buffer pixel format.

protocol `SinglePlanePixelFormat`

A pixel format that contains a single underlying vImage buffer.

protocol `StaticPixelFormat`

A pixel format that's known at compile time.