

[Core Image](#) / [CIFormat](#) / [RGBAf](#)

Type Property

RGBAf

A 128-bit-per-pixel, floating-point pixel format.

iOS 7.0+ | iPadOS 7.0+ | Mac Catalyst 13.1+ | macOS 10.4+ | tvOS | visionOS 1.0+

```
static let RGBAf: CIFormat
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See Also

Image Formats

`static let A16: CIFormat`

A 16-bit-per-pixel, fixed-point pixel format in which the sole component is alpha.

`static let A8: CIFormat`

An 8-bit-per-pixel, fixed-point pixel format in which the sole component is alpha.

`static let ABGR8: CIFormat`

A 32-bit-per-pixel, fixed-point pixel format in which the alpha value precedes the blue, green, and red color components.

`static let ARGB8: CIFormat`

A 32-bit-per-pixel, fixed-point pixel format in which the alpha value precedes the red, green, and blue color components.

`static let Af: CIFormat`

A 32-bit-per-pixel, full-width floating-point pixel format in which the sole component is alpha.

`static let Ah: CIFormat`

A 16-bit-per-pixel, half-width floating-point pixel format in which the sole component is alpha.

static let BGRA8: CIFormat

A 32-bit-per-pixel, fixed-point pixel format in which the blue, green, and red color components precede the alpha value.

static let R16: CIFormat

A 16-bit-per-pixel, fixed-point pixel format in which the sole component is a red color value.

static let R8: CIFormat

An 8-bit-per-pixel, fixed-point pixel format in which the sole component is a red color value.

static let RG16: CIFormat

A 32-bit-per-pixel, fixed-point pixel format with only red and green color components.

static let RG8: CIFormat

A 16-bit-per-pixel, fixed-point pixel format with only red and green color components.

static let RGB10: CIFormat

static let RGBA16: CIFormat

A 64-bit-per-pixel, fixed-point pixel format.

static let RGBX16: CIFormat

static let RGBA8: CIFormat

A 32-bit-per-pixel, fixed-point pixel format in which the red, green, and blue color components precede the alpha value.