cColor

Constructors

Constructor	Description
cColor()	Creates a color with a default value of opaque black.
cColor(float, float)	Creates a color with the first parameter given to RGB and the second parameter given to A.
cColor(float, float, float)	Creates a color using the given values as RGB data.
cColor(float, float, float, float)	Creates a color using the given values as RGBA data.

Fields

Field Name	Type	Description
r	float	The value of the red channel.
g	float	The value of the green channel.
b	float	The value of the blue channel.
a	float	The value of the alpha channel.

Functions

Return Type	Function Name	Parameters	Description
cColor	ToLinearSpace	const float afPower, const bool abCorrectAlpha, const	Returns the color converted into the linear space.
cColor	ToSRGB	const bool abCorrectAlpha, const	Returns the color converted into the sRGB space.

Remarks

Color channel values are stored using a 0.0 - 1.0 range, where 0.0 is equal to 0 and 1.0 is equal to 255.

Read this post on StackOverflow for an explanation on the differences between the linear color space and the sRGB color space.

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