

Converting Colors

RGB(79, 224, 248)

Have a look what the booklet for
RGB(79, 224, 248) contains.

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Color

RGB(79, 224, 248)

Conversions

Conversions Part 1

Format	Color
Hex	4FE0F8
RGB	79, 224, 248
RGB Percent	31%, 88%, 97%
CMY	0.6902, 0.1216, 0.0275
CMYK	0.68, 0.10, 0.00, 0.03
HSL	189°, 92%, 64%
HSV	189°, 68%, 97%
XYZ	46.8234, 61.7509, 98.2582
YIQ	183.3810, -94.1240, -23.2760

Conversions

Conversions Part 2

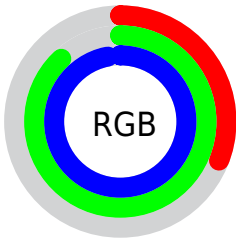
Format	Color
R _Y B	79, 157, 248
Decimal	5234936
CIE Lab	82.78, -30.89, -22.96
CIE LCh	83, 38.486, 216.624
Yxy	61.7509, 0.2264, 0.2986
Android (android.graphics.Color)	4283425016 (0xFF4FE0F8)
YUV	183.3810, 31.8572, -91.5421
Hunter-Lab	78.5817, -31.1578, -19.1287

Details

The RGB color **79, 224, 248** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light washed cyan. A complement of this color would be **248, 103, 79**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **147, 255, 255**, and **0, 168, 192** is the 20% darker color. If you saturate the color by 10%, you get **54, 220, 248**, and if you desaturate by 10%, it is **104, 228, 248**.

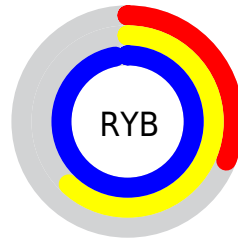
Distribution



Red (31%)

Green (88%)

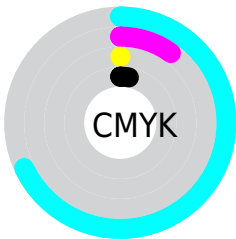
Blue (97%)



Red (31%)

Yellow (62%)

Blue (97%)

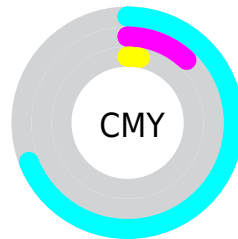


Cyan (68%)

Magenta (10%)

Yellow (0%)

Black (3%)



Cyan (69%)

















Magenta (12%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 79, 224, 248 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 79, 224, 248 by changing the saturation by 10% instead.

 79, 224, 248	 79, 224, 248
 255, 255, 255	 31, 196, 219
 147, 255, 255	 0, 168, 192
 179, 255, 255	 0, 142, 164
 210, 255, 255	 0, 116, 138
 241, 255, 255	 0, 91, 113
	 0, 67, 88
	 0, 44, 65
	 0, 19, 43
	 0, 1, 22

■ 79, 224, 248

■ 79, 224, 248

■ 54, 220, 248

■ 104, 228, 248

■ 29, 217, 248

■ 129, 231, 248

■ 5, 213, 248

■ 153, 235, 248

■ 0, 213, 248

■ 178, 238, 248

■ 203, 242, 248

■ 228, 245, 248

■ 253, 249, 248

■ 255, 252, 248

■ 255, 255, 248

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98, 226, 213



79, 224, 248



113, 218, 255

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79, 224, 248



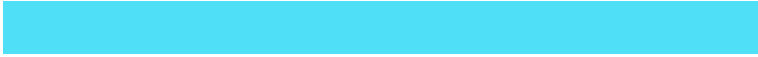
255, 183, 236



223, 206, 134

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79, 224, 248



248, 103, 79

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 194, 140



79, 224, 248



255, 179, 199

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79, 224, 248



221, 194, 255



255, 183, 165



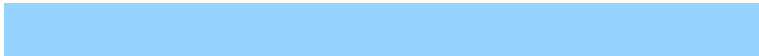
184, 217, 147

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 224, 248



150, 211, 255



255, 183, 165



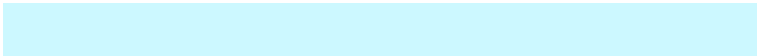
235, 202, 134

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



79, 224, 248



204, 248, 255



79, 248, 102



97, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 224, 248



46, 225, 255



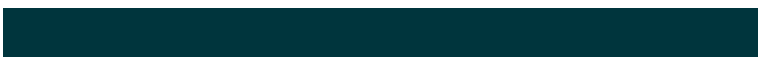
79, 141, 248



112, 123, 125



0, 162, 189



0, 53, 61

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



248, 79, 224



255, 46, 225



248, 186, 79



125, 112, 123



189, 0, 162



61, 0, 53

Previews

White Background



This preview shows how the RGB color 79, 224, 248 looks on a white background.

Color Contrast Check

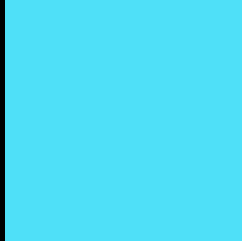
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 79, 224, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 79, 224, 248 Background



This preview shows how black text looks on a background with the RGB color 79, 224, 248.

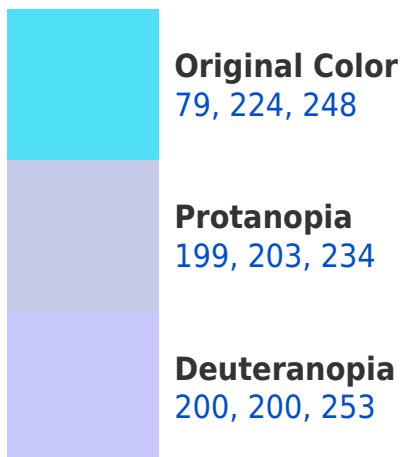


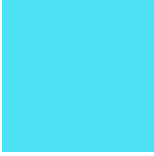
This preview shows how white text looks on a background with the RGB color 79, 224, 248.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





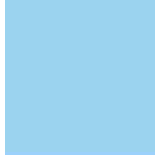
Tritanopia
76, 225, 243

Trichromacy



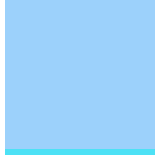
Original Color

79, 224, 248



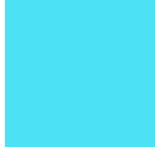
Protanomaly

155, 211, 239



Deuteranomaly

156, 209, 251



Tritanomaly

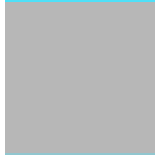
77, 225, 245

Monochromacy



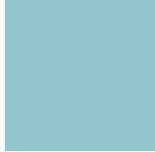
Original Color

79, 224, 248



Achromatopsia

183, 183, 183



Achromatomaly

145, 198, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 79, 224, 248 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(79, 224, 248)` looks like.

```
.text, #text, p{  
    color:rgb(79, 224, 248)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(79, 224, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 224, 248) }
```

Border

The CSS property to change the border of an element to RGB 79, 224, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

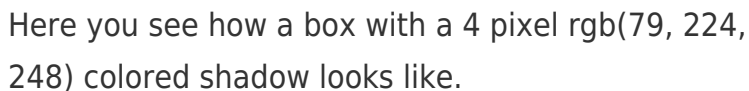
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 224, 248) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(79, 224, 248) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(79, 224, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 224, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 224, 248);  
box-shadow:4px 4px 4px 4px rgb(79, 224,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 79, 224, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 224, 248) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(79, 224,  
248) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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