Converting Colors

RGB(79, 220, 245)

Have a look what the booklet for RGB(79, 220, 245) contains.

Color

RGB(79, 220, 245)

Conversions

Conversions Part 1

Format	Color
Hex	4FDCF5
RGB	79, 220, 245
RGB Percent	31%, 86%, 96%
CMY	0.6902, 0.1373, 0.0392
CMYK	0.68, 0.10, 0.00, 0.04
HSL	189°, 89%, 64%
HSV	189°, 68%, 96%
XYZ	45.2991, 59.4412, 95.4720
YIQ	180.6910, -92.0610, -22.1170

Conversions

Conversions Part 2

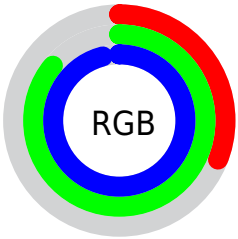
Format	Color
RYB	79, 155, 245
Decimal	5233909
CIELab	81.53, -29.84, -23.27
CIELCh	82, 37.841, 217.939
Yxy	59.4412, 0.2263, 0.2969
Android (android.graphics.Color)	4283423989 (0xFF4FDCF5)
YUV	180.6910, 31.7043, -89.1830
Hunter-Lab	77.0981, -30.0439, -19.4512

Details

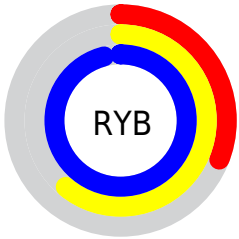
The RGB color 79, 220, 245 is a light color, and the websafe version is hex 66CCCC. The color can be described as light washed cyan. A complement of this color would be 245, 104, 79, and the grayscale version is 180, 180, 180.

A 20% lighter version of the original color is 146, 255, 255, and 0, 165, 189 is the 20% darker color. If you saturate the color by 10%, you get 55, 216, 245, and if you desaturate by 10%, it is 103, 224, 245.

Distribution

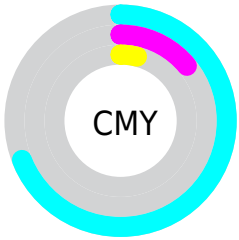


- Red (31%)
- Green (86%)
- Blue (96%)



- Red (31%)
- Yellow (61%)
- Blue (96%)

- Cyan (68%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (69%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 79, 220, 245 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, 220, 245 by changing the saturation by 10% instead.

79, 220, 245

255, 255, 255

146, 255, 255

178, 255, 255

209, 255, 255

240, 255, 255

79, 220, 245

32, 192, 217

0, 165, 189

0, 138, 162

0, 112, 135

0, 87, 110

0, 63, 86

0, 41, 62

0, 13, 40

0, 1, 19

79, 220, 245

55, 216, 245

30, 213, 245

6, 209, 245

0, 208, 245

79, 220, 245

103, 224, 245

128, 227, 245

153, 231, 245

177, 235, 245

202, 238, 245

226, 242, 245

251, 246, 245

255, 250, 245

255, 253, 245

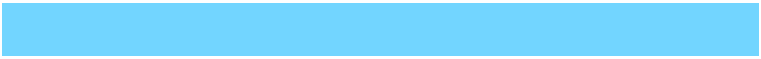
Harmonies

Analogous

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

96, 222, 211

79, 220, 245



114, 213, 255

Triad

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

79, 220, 245

255, 179, 230

218, 203, 132

Complementary

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

79, 220, 245

245, 104, 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.

249, 191, 138

79, 220, 245

255, 176, 194

Square

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

79, 220, 245

219, 190, 255

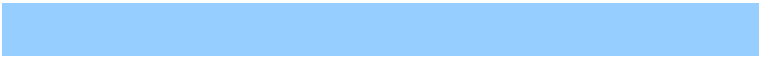
255, 181, 161

179, 213, 146

Rectangle

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

79, 220, 245



150, 207, 255

255, 181, 161

229, 200, 132

Sweetspot

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

79, 220, 245

204, 247, 255

79, 245, 104

97, 123, 128

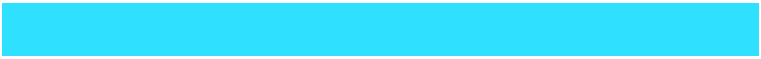
0, 0, 0

128, 128, 128

Same Dimension

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

79, 220, 245



48, 224, 255

79, 137, 245

110, 121, 122

0, 158, 186

0, 50, 59

Inverse Universe

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

245, 79, 220

255, 48, 224

245, 187, 79

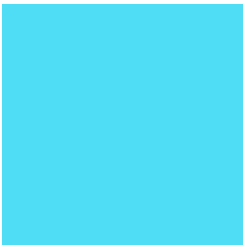
122, 110, 121

186, 0, 158

59, 0, 50

Previews

White Background

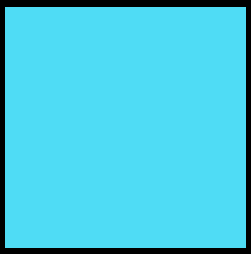


This preview shows how the RGB color 79, 220, 245 looks on a white background.

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



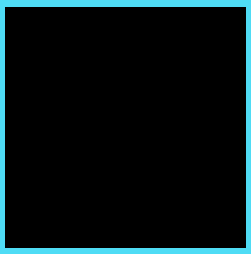
This preview shows how the RGB color 79, 220, 245 looks on a black background.

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, 220, 245 Background



This preview shows how black text looks on a background with the RGB color 79, 220, 245.

This preview shows how white text looks on a background with the RGB color 79, 220, 245.

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

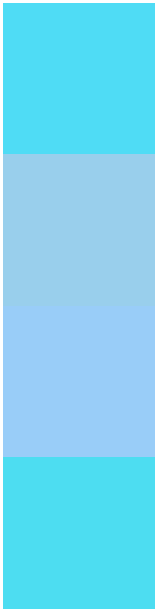
Original Color
79, 220, 245

Protanopia
196, 199, 231

Deuteranopia
196, 197, 250

Tritanopia
76, 221, 239

Trichromacy



Original Color
79, 220, 245

Protanomaly
153, 207, 236

Deuteranomaly
153, 205, 248

Tritanomaly
77, 221, 241

Monochromacy

Original Color
79, 220, 245

Achromatopsia
181, 181, 181

Achromatomaly
144, 195, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 79, 220, 245 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, 220, 245) looks like.

```
.text, #text, p{
    color:rgb(79, 220, 245)
}
```

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, 220, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 220, 245) }
```

Border

The CSS property to change the border of an element to RGB 79, 220, 245 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, 220, 245) }
```

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

```
.border{ border-color:rgb(79, 220, 245) }
```

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

Here you see how a box with a 4 pixel rgb(79, 220, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(79, 220, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(79, 220, 245); box-shadow:4px 4px 4px 4px rgb(79, 220, 245) }
```

Background

The CSS property to change the background color of an element to RGB 79, 220, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(79, 220, 245) }
```

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

```
.background{ background-color:rgb(79, 220,
245) }
```

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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