Converting Colors

RGB(79, 251, 240)

Have a look what the booklet for RGB(79, 251, 240) contains.

Color

RGB(79, 251, 240)

Conversions

Conversions Part 1

Format	Color
Hex	4FFBF0
RGB	79, 251, 240
RGB Percent	31%, 98%, 94%
CMY	0.6902, 0.0157, 0.0588
CMYK	0.69, 0.00, 0.04, 0.02
HSL	176°, 96%, 65%
HSV	176°, 69%, 98%
XYZ	53.4498, 76.9479, 94.4734
YIQ	198.3180, -98.9810, -39.8850

Conversions

Conversions Part 2

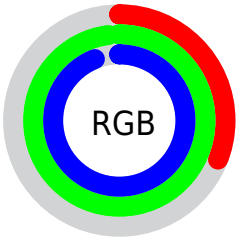
Format	Color
RYB	79, 168, 251
Decimal	5241840
CIELab	90.30, -45.47, -7.48
CIELCh	90, 46.087, 189.347
Yxy	76.9479, 0.2377, 0.3422
Android (android.graphics.Color)	4283431920 (0xFF4FFBF0)
YUV	198.3180, 20.5492, -104.6419
Hunter-Lab	87.7199, -44.7457, -2.4507

Details

The RGB color 79, 251, 240 is a light color, and the websafe version is hex 33FFFF. The color can be described as light washed cyan. A complement of this color would be 251, 79, 90, and the grayscale version is 198, 198, 198.

A 20% lighter version of the original color is 149, 255, 255, and 0, 194, 184 is the 20% darker color. If you saturate the color by 10%, you get 54, 251, 238, and if you desaturate by 10%, it is 104, 251, 242.

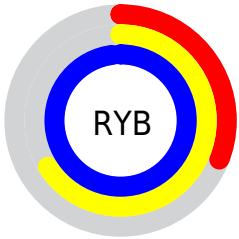
Distribution



Red (31%)

Green (98%)

Blue (94%)



Red (31%)

Yellow (66%)

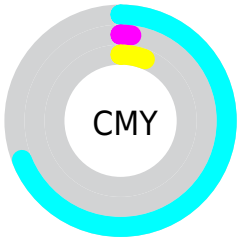
Blue (98%)

Cyan (69%)

Magenta (0%)

Yellow (4%)

Black (2%)



Cyan (69%)

Magenta (2%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 79, 251, 240 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, 251, 240 by changing the saturation by 10% instead.

79, 251, 240

255, 255, 255

149, 255, 255

181, 255, 255

213, 255, 255

244, 255, 255

79, 251, 240

26, 222, 212

0, 194, 184

0, 166, 157

0, 139, 131

0, 113, 106

0, 87, 82

0, 63, 59

0, 42, 37

0, 3, 18

79, 251, 240

54, 251, 238

29, 251, 237

4, 251, 235

0, 251, 235

79, 251, 240

104, 251, 242

129, 251, 243

154, 251, 245

179, 251, 246

205, 251, 248

230, 251, 250

255, 251, 251

255, 251, 253

255, 251, 254

Harmonies

Analogous

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

140, 248, 195

79, 251, 240

44, 248, 255

Triad

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

79, 251, 240

250, 211, 255

255, 214, 145

Complementary

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

79, 251, 240

251, 79, 90

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, 200, 173

79, 251, 240

255, 197, 255

Square

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

79, 251, 240

186, 227, 255

255, 193, 215

243, 229, 139

Rectangle

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

79, 251, 240

84, 244, 255

255, 193, 215

255, 209, 153

Sweetspot

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

79, 251, 240

201, 255, 252

90, 251, 79

96, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

79, 251, 240

46, 255, 242

79, 176, 251

112, 125, 124

0, 189, 177

0, 61, 57

Inverse Universe

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

251, 79, 90

255, 46, 59

251, 154, 79

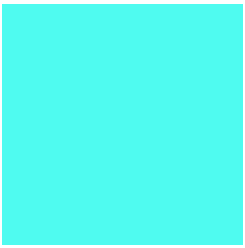
125, 112, 113

189, 0, 12

61, 0, 4

Previews

White Background

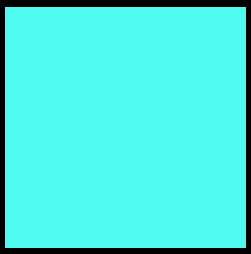


This preview shows how the RGB color 79, 251, 240 looks on a white background.

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, 251, 240 looks on a black background.

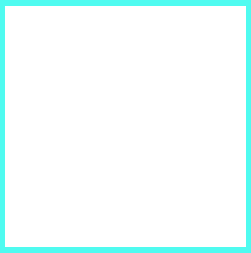
Color Contrast Check

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, 251, 240 Background

This preview shows how black text looks on a background with the RGB color 79, 251, 240.



This preview shows how white text looks on a background with the RGB color 79, 251, 240.

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

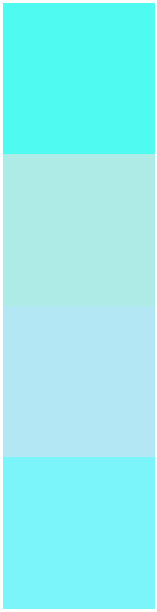
Original Color
79, 251, 240

Protanopia
229, 224, 224

Deuteranopia
237, 219, 247

Tritanopia
150, 241, 255

Trichromacy



Original Color
79, 251, 240

Protanomaly
174, 234, 230

Deuteranomaly
180, 231, 244

Tritanomaly
124, 245, 250

Monochromacy

Original Color
79, 251, 240

Achromatopsia
198, 198, 198

Achromatomaly
155, 217, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 79, 251, 240 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, 251, 240) looks like.

```
.text, #text, p{
    color:rgb(79, 251, 240)
}
```

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, 251, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 251, 240) }
```

Border

The CSS property to change the border of an element to RGB 79, 251, 240 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, 251, 240) }
```

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

```
.border{ border-color:rgb(79, 251, 240) }
```

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

Here you see how a box with a 4 pixel rgb(79, 251, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(79, 251, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(79, 251, 240); box-shadow:4px 4px 4px 4px rgb(79, 251, 240) }
```

Background

The CSS property to change the background color of an element to RGB 79, 251, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(79, 251, 240) }
```

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

```
.background{ background-color:rgb(79, 251,
240) }
```

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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