Converting Colors

RGB(39, 203, 218)

Have a look what the booklet for RGB(39, 203, 218) contains.

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Color

RGB(39, 203, 218)

Conversions

Conversions Part 1

Format	Color
Hex	27CBDA
RGB	39, 203, 218
RGB Percent	15%, 80%, 85%
CMY	0.8471, 0.2039, 0.1451
CMYK	0.82, 0.07, 0.00, 0.15
HSL	185°, 71%, 50%
HSV	185°, 82%, 85%
XYZ	34.8475, 48.2052, 73.7975
YIQ	155.6740, -102.5590, -30.1030

Conversions

Conversions Part 2

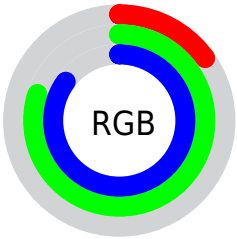
Format	Color
RYB	39, 125, 218
Decimal	2608090
CIELab	74.95, -34.18, -18.86
CIELCh	75, 39.042, 208.891
Yxy	48.2052, 0.2222, 0.3073
Android (android.graphics.Color)	4280798170 (0xFF27CBDA)
YUV	155.6740, 30.7267, -102.3231
Hunter-Lab	69.4299, -31.9116, -14.4188

Details

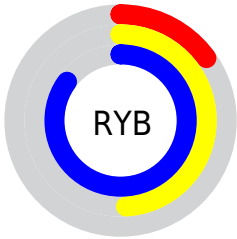
The RGB color 39, 203, 218 is a light color, and the websafe version is hex 33CCCC. The color can be described as light washed cyan. A complement of this color would be 218, 54, 39, and the grayscale version is 155, 155, 155.

A 20% lighter version of the original color is 118, 255, 255, and 0, 148, 163 is the 20% darker color. If you saturate the color by 10%, you get 17, 201, 218, and if you desaturate by 10%, it is 61, 205, 218.

Distribution

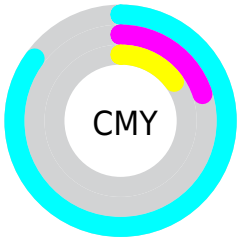


- Red (15%)
- Green (80%)
- Blue (85%)



- Red (15%)
- Yellow (49%)
- Blue (85%)

- Cyan (82%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 39, 203, 218 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 39, 203, 218 by changing the saturation by 10% instead.

39, 203, 218	39, 203, 218
255, 255, 255	0, 175, 190
118, 255, 255	0, 148, 163
151, 255, 255	0, 122, 137
182, 255, 255	0, 97, 111
213, 255, 255	0, 72, 87
245, 255, 255	0, 49, 64
	0, 27, 42
	0, 1, 21
	0, 0, 0

39, 203, 218

17, 201, 218

0, 200, 218

39, 203, 218

61, 205, 218

83, 207, 218

104, 208, 218

126, 210, 218

148, 212, 218

170, 214, 218

192, 216, 218

213, 218, 218

235, 219, 218

Harmonies

Analogous

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

82, 204, 182

39, 203, 218

69, 198, 245

Triad

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

39, 203, 218

229, 163, 222

210, 182, 112

Complementary

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

39, 203, 218

218, 54, 39

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.

238, 169, 124

39, 203, 218

251, 157, 187

Square

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

39, 203, 218

187, 176, 247

254, 159, 152

172, 193, 120

Rectangle

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

39, 203, 218

110, 192, 254

254, 159, 152

220, 178, 114

Sweetspot

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

39, 203, 218

191, 250, 255

39, 218, 54

89, 124, 128

0, 0, 0

128, 128, 128

Same Dimension

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

39, 203, 218

3, 234, 255

39, 114, 218

99, 109, 110

0, 159, 173

0, 42, 46

Inverse Universe

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

218, 39, 203

255, 3, 234

218, 143, 39

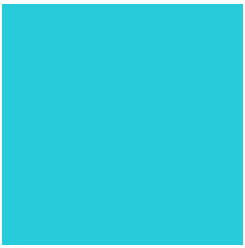
110, 99, 109

173, 0, 159

46, 0, 42

Previews

White Background

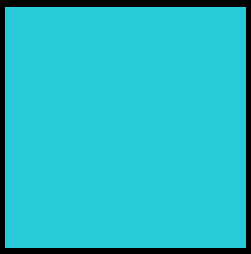


This preview shows how the RGB color 39, 203, 218 looks on a white background.

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



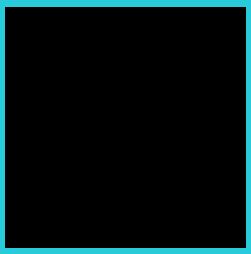
This preview shows how the RGB color 39, 203, 218 looks on a black background.

Color Contrast Check

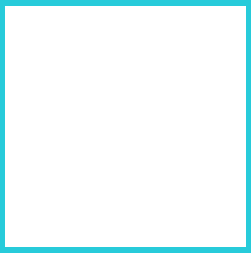
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 39, 203, 218 Background



This preview shows how black text looks on a background with the RGB color 39, 203, 218.



This preview shows how white text looks on a background with the RGB color 39, 203, 218.

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

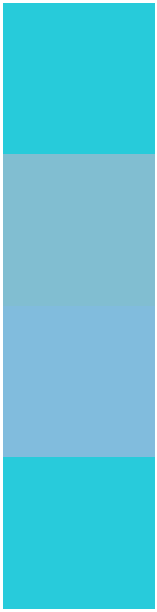
Original Color
39, 203, 218

Protanopia
180, 182, 204

Deuteranopia
181, 179, 223

Tritanopia
40, 203, 219

Trichromacy



Original Color
39, 203, 218

Protanomaly
129, 190, 209

Deuteranomaly
129, 188, 221

Tritanomaly
40, 203, 219

Monochromacy

Original Color
39, 203, 218

Achromatopsia
156, 156, 156

Achromatomaly
113, 173, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 39, 203, 218 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(39, 203, 218) looks like.

```
.text, #text, p{
    color:rgb(39, 203, 218)
}
```

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(39, 203, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 203, 218) }
```

Border

The CSS property to change the border of an element to RGB 39, 203, 218 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(39, 203, 218) }
```

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

```
.border{ border-color:rgb(39, 203, 218) }
```

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

Here you see how a box with a 4 pixel rgb(39, 203, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(39, 203, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(39, 203, 218); box-shadow:4px 4px 4px 4px rgb(39, 203, 218) }
```

Background

The CSS property to change the background color of an element to RGB 39, 203, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(39, 203, 218) }
```

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

```
.background{ background-color:rgb(39, 203,
218) }
```

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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