Converting Colors

RGB(91, 201, 201)

Have a look what the booklet for RGB(91, 201, 201) contains.

Color

RGB(91, 201, 201)

Conversions

Conversions Part 1

Format	Color
Hex	5BC9C9
RGB	91, 201, 201
RGB Percent	36%, 79%, 79%
CMY	0.6431, 0.2118, 0.2118
CMYK	0.55, 0.00, 0.00, 0.21
HSL	180°, 50%, 57%
HSV	180°, 55%, 79%
XYZ	35.7436, 48.2145, 62.6808
YIQ	168.1100, -65.5600, -23.3200

Conversions

Conversions Part 2

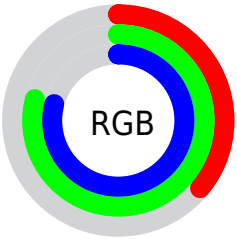
Format	Color
RYB	91, 146, 201
Decimal	6015433
CIELab	74.96, -31.17, -9.55
CIELCh	75, 32.596, 197.032
Yxy	48.2145, 0.2438, 0.3288
Android (android.graphics.Color)	4284205513 (0xFF5BC9C9)
YUV	168.1100, 16.2148, -67.6255
Hunter-Lab	69.4366, -29.6284, -4.9157

Details

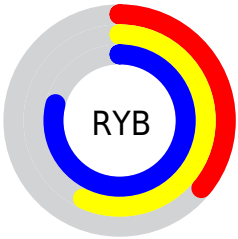
The RGB color 91, 201, 201 is a light color, and the websafe version is hex 66CCCC. The color can be described as light muted cyan. A complement of this color would be 201, 91, 91, and the grayscale version is 168, 168, 168.

A 20% lighter version of the original color is 150, 255, 255, and 10, 147, 147 is the 20% darker color. If you saturate the color by 10%, you get 71, 201, 201, and if you desaturate by 10%, it is 111, 201, 201.

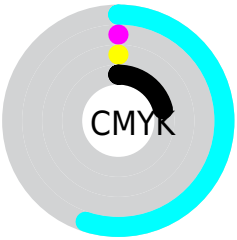
Distribution



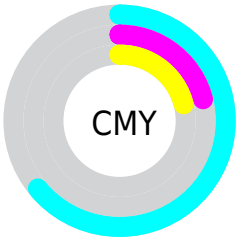
- Red (36%)
- Green (79%)
- Blue (79%)



- Red (36%)
- Yellow (57%)
- Blue (79%)



- Cyan (55%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (64%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 91, 201, 201 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 91, 201, 201 by changing the saturation by 10% instead.

91, 201, 201

255, 255, 255

150, 255, 255

180, 255, 255

210, 255, 255

240, 255, 255

91, 201, 201

59, 173, 174

10, 147, 147

0, 120, 121

0, 95, 97

0, 71, 73

0, 48, 50

0, 27, 29

0, 0, 2

0, 0, 0

91, 201, 201

71, 201, 201

51, 201, 201

31, 201, 201

11, 201, 201

0, 201, 201

91, 201, 201

111, 201, 201

131, 201, 201

151, 201, 201

171, 201, 201

192, 201, 201

212, 201, 201

232, 201, 201

252, 201, 201

255, 201, 201

Harmonies

Analogous

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

119, 200, 170

91, 201, 201

91, 198, 227

Triad

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

91, 201, 201

210, 171, 226

217, 178, 126

Complementary

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

91, 201, 201

201, 91, 91

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, 168, 142

91, 201, 201

235, 163, 199

Square

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

91, 201, 201

170, 181, 242

245, 163, 168

188, 188, 127

Rectangle

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

91, 201, 201

112, 194, 239

245, 163, 168

225, 175, 130

Sweetspot

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

91, 201, 201

214, 255, 255

91, 201, 91

103, 128, 128

0, 0, 0

128, 128, 128

Same Dimension

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

91, 201, 201

87, 255, 255

91, 146, 201

90, 99, 99

0, 163, 163

0, 36, 36

Inverse Universe

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

201, 91, 201

255, 87, 255

201, 146, 91

99, 90, 99

163, 0, 163

36, 0, 36

Previews

White Background

This preview shows how the RGB color 91, 201, 201 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 91, 201, 201 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 91, 201, 201 Background

This preview shows how black text looks on a background with the RGB color 91, 201, 201.

This preview shows how white text looks on a background with the RGB color 91, 201, 201.

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
91, 201, 201

Protanopia
185, 182, 190

Deuteranopia
191, 178, 206

Tritanopia
96, 199, 215

Trichromacy

Original Color
91, 201, 201

Protanomaly
151, 189, 194

Deuteranomaly
155, 186, 204

Tritanomaly
94, 200, 210

Monochromacy

Original Color
91, 201, 201

Achromatopsia
168, 168, 168

Achromatomaly
140, 180, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 201, 201 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(91, 201, 201) looks like.

```
.text, #text, p{
    color:rgb(91, 201, 201)
}
```

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(91, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 201, 201) }
```

Border

The CSS property to change the border of an element to RGB 91, 201, 201 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(91, 201, 201) }
```

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

```
.border{ border-color:rgb(91, 201, 201) }
```

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

Here you see how a box with a 4 pixel rgb(91, 201, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 201, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 201, 201); box-shadow:4px 4px 4px 4px rgb(91, 201, 201) }
```

Background

The CSS property to change the background color of an element to RGB 91, 201, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(91, 201, 201) }
```

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

```
.background{ background-color:rgb(91, 201, 201) }
```

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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