

Converting Colors

RGB(95, 209, 196)

Have a look what the booklet for
RGB(95, 209, 196) contains.

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Color

RGB(95, 209, 196)

Conversions

Conversions Part 1

Format	Color
Hex	5FD1C4
RGB	95, 209, 196
RGB Percent	37%, 82%, 77%
CMY	0.6275, 0.1804, 0.2314
CMYK	0.55, 0.00, 0.06, 0.18
HSL	173°, 55%, 60%
HSV	173°, 55%, 82%
XYZ	37.4836, 52.0193, 60.2897
YIQ	173.4320, -63.7710, -28.2110

Conversions

Conversions Part 2

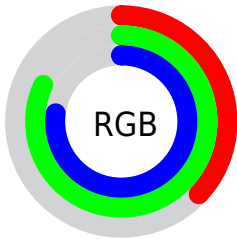
Format	Color
RYB	95, 155, 209
Decimal	6279620
CIELab	77.29, -35.46, -3.38
CIELCh	77, 35.617, 185.450
Yxy	52.0193, 0.2502, 0.3473
Android (android.graphics.Color)	4284469700 (0xFF5FD1C4)
YUV	173.4320, 11.1260, -68.7849
Hunter-Lab	72.1244, -33.4500, 0.9259

Details

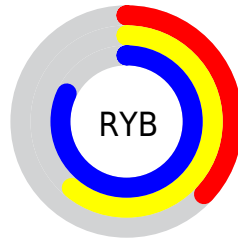
The RGB color **95, 209, 196** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **209, 95, 108**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **154, 255, 253**, and **21, 154, 142** is the 20% darker color. If you saturate the color by 10%, you get **74, 209, 194**, and if you desaturate by 10%, it is **116, 209, 198**.

Distribution



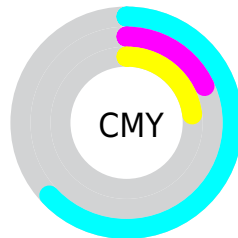
- Red (37%)
- Green (82%)
- Blue (77%)



- Red (37%)
- Yellow (61%)
- Blue (82%)



- Cyan (55%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (63%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 95, 209, 196 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 95, 209, 196 by changing the saturation by 10% instead.



95, 209, 196



95, 209, 196

255, 255, 255



63, 181, 169



154, 255, 253



21, 154, 142



184, 255, 255



0, 128, 117



213, 255, 255



0, 102, 92



243, 255, 255



0, 77, 69



0, 54, 47



0, 34, 26



0, 0, 0



95, 209, 196



95, 209, 196

■ 74, 209, 194

■ 116, 209, 198

■ 53, 209, 191

■ 137, 209, 201

■ 32, 209, 189

■ 158, 209, 203

■ 11, 209, 186

■ 179, 209, 206

■ 0, 209, 185

■ 200, 209, 208

■ 220, 209, 210

■ 241, 209, 213

■ 255, 209, 215

■ 255, 209, 217

Harmonies

Analogous

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



133, 207, 162



95, 209, 196



77, 207, 228

Triad

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



95, 209, 196



203, 180, 245



236, 180, 132

Complementary

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



95, 209, 196



209, 95, 108

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.



254, 170, 154



95, 209, 196



238, 170, 219

Square

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



95, 209, 196



155, 192, 255



255, 166, 186



208, 191, 125

Rectangle

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



95, 209, 196



92, 204, 244



255, 166, 186



244, 176, 138

Sweetspot

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



95, 209, 196



214, 255, 250



108, 209, 95



103, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



95, 209, 196



89, 255, 236



95, 165, 209



94, 105, 103



0, 168, 149



0, 41, 36

Inverse Universe

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



209, 95, 108



255, 89, 108



209, 139, 95



105, 94, 95



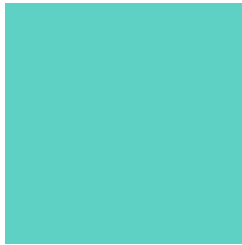
168, 0, 19



41, 0, 5

Previews

White Background



This preview shows how the RGB color 95, 209, 196 looks on a white background.

Color Contrast Check

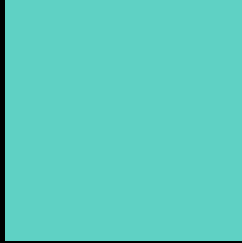
Large Text (above 18pt) WCAG AA × Fail

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 95, 209, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

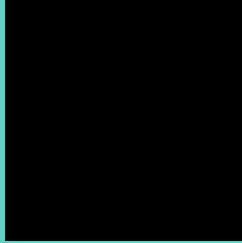
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

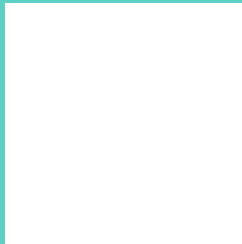
Any Text WCAG AAA ✓ Pass

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

RGB 95, 209, 196 Background



This preview shows how black text looks on a background with the RGB color 95, 209, 196.

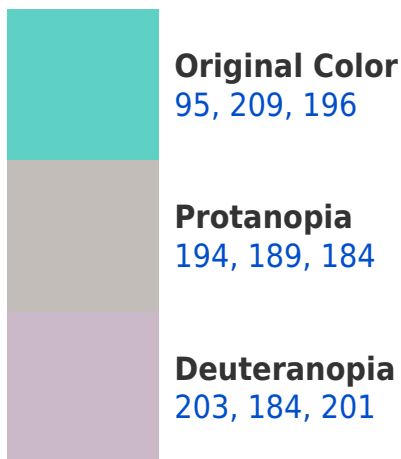


This preview shows how white text looks on a background with the RGB color 95, 209, 196.

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
104, 205, 222

Trichromacy



Original Color

95, 209, 196



Protanomaly

158, 196, 188



Deuteranomaly

164, 193, 199



Tritanomaly

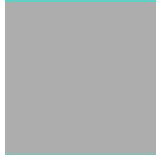
101, 206, 213

Monochromacy



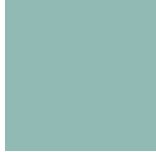
Original Color

95, 209, 196



Achromatopsia

173, 173, 173



Achromatomaly

145, 186, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 95, 209, 196 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(95, 209, 196)` looks like.

```
.text, #text, p{  
    color:rgb(95, 209, 196)  
}
```

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(95, 209, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 209, 196) }
```

Border

The CSS property to change the border of an element to RGB 95, 209, 196 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(95, 209, 196) }
```

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

```
.border{ border-color:rgb(95, 209, 196) }
```

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

Here you see how a box with a 4 pixel rgb(95, 209, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 209, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 209, 196);  
box-shadow:4px 4px 4px 4px rgb(95, 209,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 95, 209, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 209, 196) }
```

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

```
.background{ background-color: rgb(95, 209,  
196) }
```

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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