

Converting Colors

RGB(104, 209, 193)

Have a look what the booklet for
RGB(104, 209, 193) contains.

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Color

RGB(104, 209, 193)

Conversions

Conversions Part 1

Format	Color
Hex	68D1C1
RGB	104, 209, 193
RGB Percent	41%, 82%, 76%
CMY	0.5922, 0.1804, 0.2431
CMYK	0.50, 0.00, 0.08, 0.18
HSL	171°, 53%, 61%
HSV	171°, 50%, 82%
XYZ	38.1350, 52.3942, 58.5552
YIQ	175.7810, -57.4440, -27.2360

Conversions

Conversions Part 2

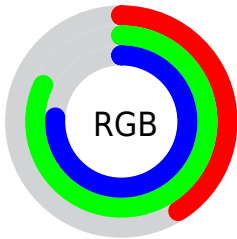
Format	Color
RYB	104, 161, 209
Decimal	6869441
CIELab	77.52, -34.31, -1.41
CIELCh	78, 34.337, 182.349
Yxy	52.3942, 0.2558, 0.3514
Android (android.graphics.Color)	4285059521 (0xFF68D1C1)
YUV	175.7810, 8.4890, -62.9519
Hunter-Lab	72.3839, -32.6301, 2.7058

Details

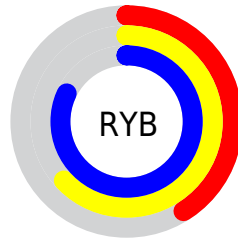
The RGB color **104, 209, 193** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **209, 104, 120**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **162, 255, 249**, and **41, 154, 140** is the 20% darker color. If you saturate the color by 10%, you get **83, 209, 190**, and if you desaturate by 10%, it is **125, 209, 196**.

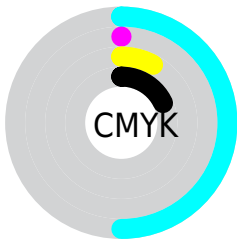
Distribution



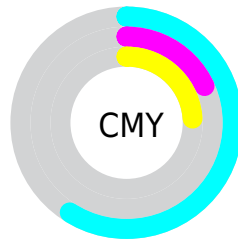
- Red (41%)
- Green (82%)
- Blue (76%)



- Red (41%)
- Yellow (63%)
- Blue (82%)



- Cyan (50%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (59%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 209, 193 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 104, 209, 193 by changing the saturation by 10% instead.

 104, 209, 193

255, 255, 255


 162, 255, 249


 191, 255, 255

 220, 255, 255


 250, 255, 255

 104, 209, 193

 74, 181, 166

 41, 154, 140

 0, 128, 114

 0, 102, 90

 0, 77, 66

 0, 54, 44

 0, 34, 24

 0, 0, 0

 104, 209, 193

 104, 209, 193

■ 83, 209, 190

■ 125, 209, 196

■ 62, 209, 187

■ 146, 209, 199

■ 41, 209, 183

■ 167, 209, 203

■ 20, 209, 180

■ 188, 209, 206

■ 0, 209, 177

■ 209, 209, 209

■ 229, 209, 212

■ 250, 209, 215

■ 255, 209, 218

■ 255, 209, 222

Harmonies

Analogous

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



140, 206, 161



104, 209, 193



85, 208, 224

Triad

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



104, 209, 193



199, 182, 245



238, 179, 136

Complementary

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



104, 209, 193



209, 104, 120

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.



253, 171, 159



104, 209, 193



234, 172, 222

Square

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



104, 209, 193



153, 194, 255



253, 168, 190



211, 190, 128

Rectangle

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



104, 209, 193



95, 205, 241



253, 168, 190



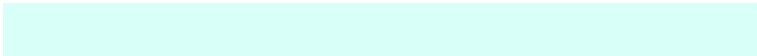
245, 176, 142

Sweetspot

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



104, 209, 193



217, 255, 249



122, 209, 104



105, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



104, 209, 193



102, 255, 232



104, 174, 209



94, 105, 103



0, 168, 143



0, 41, 35

Inverse Universe

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



209, 104, 120



255, 102, 125



209, 139, 104



105, 94, 96



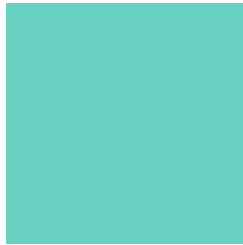
168, 0, 26



41, 0, 6

Previews

White Background



This preview shows how the RGB color 104, 209, 193 looks on a white background.

Color Contrast Check

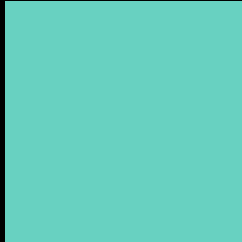
Large Text (above 18pt) WCAG AA × Fail

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 104, 209, 193 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

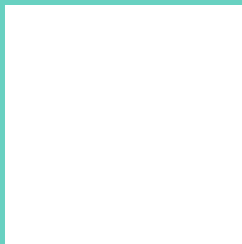
Any Text WCAG AAA ✓ Pass

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

RGB 104, 209, 193 Background



This preview shows how black text looks on a background with the RGB color 104, 209, 193.

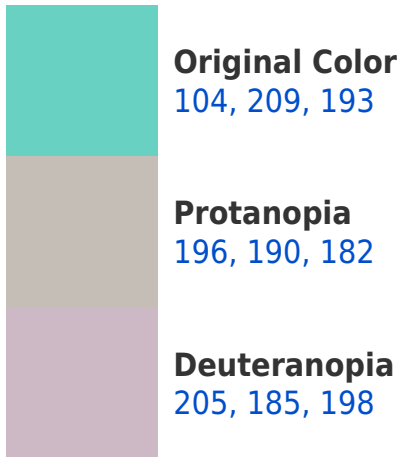


This preview shows how white text looks on a background with the RGB color 104, 209, 193.

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
113, 205, 221

Trichromacy



Original Color

104, 209, 193



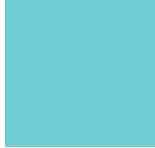
Protanomaly

163, 197, 186



Deuteranomaly

168, 194, 196



Tritanomaly

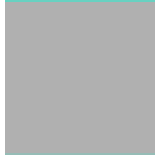
110, 206, 211

Monochromacy



Original Color

104, 209, 193



Achromatopsia

176, 176, 176



Achromatomaly

150, 188, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 209, 193 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(104, 209, 193)` looks like.

```
.text, #text, p{  
    color:rgb(104, 209, 193)  
}
```

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(104, 209, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 209, 193) }
```

Border

The CSS property to change the border of an element to RGB 104, 209, 193 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(104, 209, 193) }
```

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

```
.border{ border-color:rgb(104, 209, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 209, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 209, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 209, 193);  
box-shadow:4px 4px 4px 4px rgb(104, 209,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 104, 209, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 209, 193) }
```

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

```
.background{ background-color: rgb(104,  
209, 193) }
```

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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