

Converting Colors

RGB(104, 195, 187)

Have a look what the booklet for
RGB(104, 195, 187) contains.

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Color

RGB(104, 195, 187)

Conversions

Conversions Part 1

Format	Color
Hex	68C3BB
RGB	104, 195, 187
RGB Percent	41%, 76%, 73%
CMY	0.5922, 0.2353, 0.2667
CMYK	0.47, 0.00, 0.04, 0.24
HSL	175°, 43%, 59%
HSV	175°, 47%, 76%
XYZ	34.1937, 45.5611, 54.0057
YIQ	166.8790, -51.6680, -21.7800

Conversions

Conversions Part 2

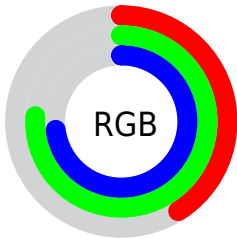
Format	Color
RYB	104, 152, 195
Decimal	6865851
CIELab	73.26, -29.13, -4.42
CIElCh	73, 29.465, 188.626
Yxy	45.5611, 0.2556, 0.3406
Android (android.graphics.Color)	4285055931 (0xFF68C3BB)
YUV	166.8790, 9.9197, -55.1449
Hunter-Lab	67.4990, -27.6986, -0.1884

Details

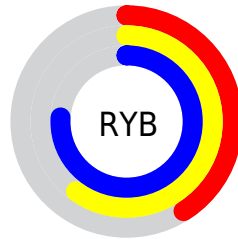
The RGB color **104, 195, 187** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **195, 104, 112**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **161, 252, 243**, and **45, 141, 134** is the 20% darker color. If you saturate the color by 10%, you get **85, 195, 185**, and if you desaturate by 10%, it is **123, 195, 189**.

Distribution



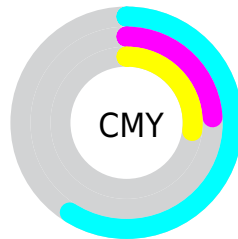
- Red (41%)
- Green (76%)
- Blue (73%)



- Red (41%)
- Yellow (60%)
- Blue (76%)



- Cyan (47%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)




- Cyan (59%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 195, 187 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, 195, 187 by changing the saturation by 10% instead.

 104, 195, 187


255, 255, 255


 161, 252, 243


 189, 255, 255


 218, 255, 255

 248, 255, 255

 104, 195, 187

 75, 168, 160

 45, 141, 134

 0, 115, 109


 0, 90, 84


 0, 66, 61

 0, 43, 40

 0, 20, 19

 0, 0, 0

 104, 195, 187

 104, 195, 187

■ 85, 195, 185

■ 123, 195, 189

■ 65, 195, 184

■ 143, 195, 190

■ 46, 195, 182

■ 163, 195, 192

■ 26, 195, 180

■ 182, 195, 194

■ 7, 195, 178

■ 202, 195, 196

■ 0, 195, 178

■ 221, 195, 197

■ 241, 195, 199

■ 255, 195, 201

■ 255, 195, 202

Harmonies

Analogous

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



130, 193, 159



104, 195, 187



97, 193, 213

Triad

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



104, 195, 187



194, 170, 222



216, 172, 130

Complementary

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



104, 195, 187



195, 104, 112

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.



231, 164, 147



104, 195, 187



221, 163, 200

Square

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



104, 195, 187



157, 180, 233



234, 160, 173



191, 181, 126

Rectangle

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



104, 195, 187



109, 190, 225



234, 160, 173



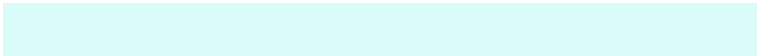
222, 169, 135

Sweetspot

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



104, 195, 187



217, 252, 249



113, 195, 104



106, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



104, 195, 187



111, 252, 240



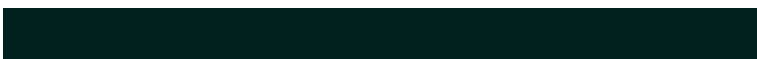
104, 159, 195



87, 97, 96



0, 161, 147



0, 33, 30

Inverse Universe

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



195, 104, 112



252, 111, 124



195, 140, 104



97, 87, 88



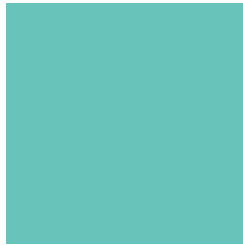
161, 0, 14



33, 0, 3

Previews

White Background



This preview shows how the RGB color 104, 195, 187 looks on a white background.

Color Contrast Check

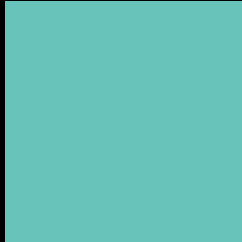
Large Text (above 18pt) WCAG AA × Fail

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, 195, 187 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

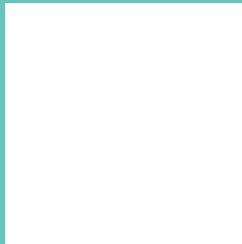
Any Text WCAG AAA ✓ Pass

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

RGB 104, 195, 187 Background



This preview shows how black text looks on a background with the RGB color 104, 195, 187.

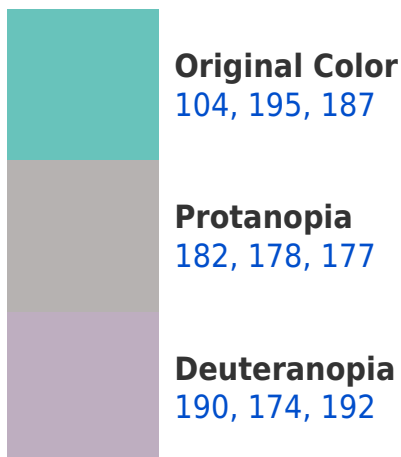


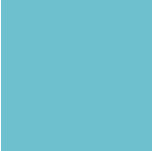
This preview shows how white text looks on a background with the RGB color 104, 195, 187.

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
110, 192, 207

Trichromacy



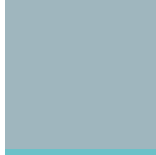
Original Color

104, 195, 187



Protanomaly

154, 184, 181



Deuteranomaly

159, 182, 190



Tritanomaly

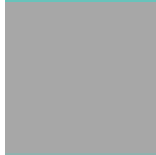
108, 193, 200

Monochromacy



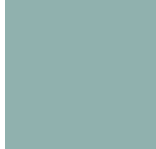
Original Color

104, 195, 187



Achromatopsia

167, 167, 167



Achromatomaly

144, 177, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 195, 187 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, 195, 187)` looks like.

```
.text, #text, p{  
    color:rgb(104, 195, 187)  
}
```

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, 195, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 195, 187) }
```

Border

The CSS property to change the border of an element to RGB 104, 195, 187 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, 195, 187) }
```

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

```
.border{ border-color:rgb(104, 195, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 195, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 195, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 195, 187); box-shadow:4px 4px 4px 4px rgb(104, 195, 187) }
```

Background

The CSS property to change the background color of an element to RGB 104, 195, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 195, 187) }
```

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

```
.background{ background-color: rgb(104,  
195, 187) }
```

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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