

Converting Colors

RGB(104, 199, 179)

Have a look what the booklet for
RGB(104, 199, 179) contains.

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Color

RGB(104, 199, 179)

Conversions

Conversions Part 1

Format	Color
Hex	68C7B3
RGB	104, 199, 179
RGB Percent	41%, 78%, 70%
CMY	0.5922, 0.2196, 0.2980
CMYK	0.48, 0.00, 0.10, 0.22
HSL	167°, 46%, 59%
HSV	167°, 48%, 78%
XYZ	34.2690, 47.0446, 49.9222
YIQ	168.3150, -50.2000, -26.3600

Conversions

Conversions Part 2

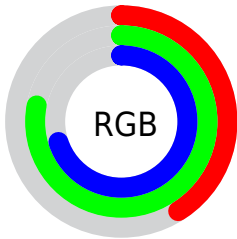
Format	Color
RYB	104, 157, 199
Decimal	6866867
CIELab	74.22, -33.00, 1.33
CIELCh	74, 33.029, 177.695
Yxy	47.0446, 0.2611, 0.3585
Android (android.graphics.Color)	4285056947 (0xFF68C7B3)
YUV	168.3150, 5.2677, -56.4043
Hunter-Lab	68.5890, -30.8472, 4.8584

Details

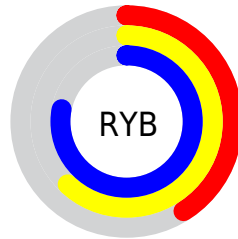
The RGB color **104, 199, 179** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **199, 104, 124**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **161, 255, 235**, and **45, 145, 126** is the 20% darker color. If you saturate the color by 10%, you get **84, 199, 175**, and if you desaturate by 10%, it is **124, 199, 183**.

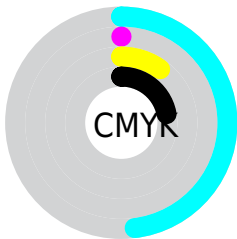
Distribution



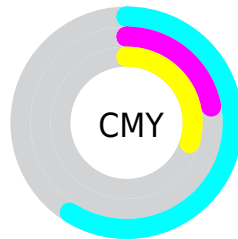
- Red (41%)
- Green (78%)
- Blue (70%)



- Red (41%)
- Yellow (62%)
- Blue (78%)



- Cyan (48%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)




- Cyan (59%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 199, 179 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, 199, 179 by changing the saturation by 10% instead.

 104, 199, 179

255, 255, 255


 161, 255, 235


 189, 255, 255


 218, 255, 255

 248, 255, 255

 104, 199, 179

 75, 171, 152

 45, 145, 126

 0, 119, 101


 0, 93, 78


 0, 69, 55

 0, 46, 34

 0, 24, 11

 0, 0, 0

 104, 199, 179

 104, 199, 179

■ 84, 199, 175

■ 124, 199, 183

■ 64, 199, 171

■ 144, 199, 187

■ 44, 199, 166

■ 164, 199, 192

■ 24, 199, 162

■ 184, 199, 196

■ 4, 199, 158

■ 204, 199, 200

■ 0, 199, 157

■ 223, 199, 204

■ 243, 199, 208

■ 255, 199, 213

■ 255, 199, 217

Harmonies

Analogous

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



139, 196, 149



104, 199, 179



82, 199, 210

Triad

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



104, 199, 179



183, 176, 236



230, 169, 132

Complementary

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



104, 199, 179



199, 104, 124

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.



242, 162, 156



104, 199, 179



219, 165, 215

Square

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



104, 199, 179



138, 186, 243



239, 160, 186



206, 180, 122

Rectangle

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



104, 199, 179



87, 196, 226



239, 160, 186



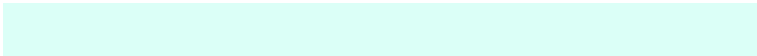
236, 166, 139

Sweetspot

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



104, 199, 179



219, 255, 247



125, 199, 104



106, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



104, 199, 179



110, 255, 224



104, 172, 199



90, 99, 97



0, 163, 129



0, 36, 28

Inverse Universe

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



199, 104, 124



255, 110, 140



199, 131, 104



99, 90, 92



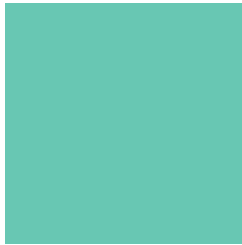
163, 0, 34



36, 0, 8

Previews

White Background



This preview shows how the RGB color 104, 199, 179 looks on a white background.

Color Contrast Check

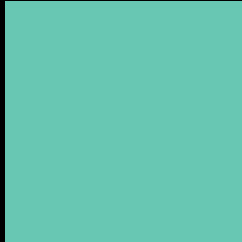
Large Text (above 18pt) WCAG AA × Fail

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, 199, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

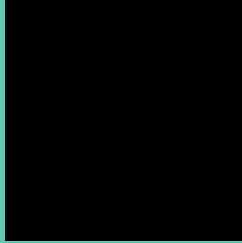
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

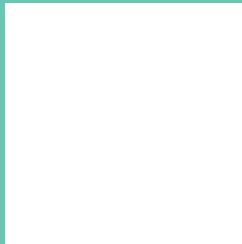
Any Text WCAG AAA ✓ Pass

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

RGB 104, 199, 179 Background



This preview shows how black text looks on a background with the RGB color 104, 199, 179.



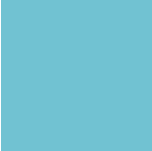
This preview shows how white text looks on a background with the RGB color 104, 199, 179.

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](#).

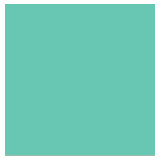
Dichromacy





Tritanopia
113, 194, 210

Trichromacy



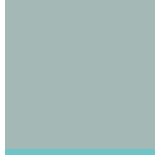
Original Color

104, 199, 179



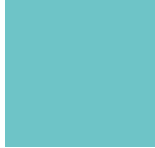
Protanomaly

157, 188, 173



Deuteranomaly

164, 184, 182



Tritanomaly

110, 196, 199

Monochromacy



Original Color

104, 199, 179



Achromatopsia

168, 168, 168



Achromatomaly

145, 179, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 199, 179 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, 199, 179)` looks like.

```
.text, #text, p{  
    color:rgb(104, 199, 179)  
}
```

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, 199, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 199, 179) }
```

Border

The CSS property to change the border of an element to RGB 104, 199, 179 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, 199, 179) }
```

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

```
.border{ border-color:rgb(104, 199, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 199, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 199, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 199, 179);  
box-shadow:4px 4px 4px 4px rgb(104, 199,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 104, 199, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 199, 179) }
```

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

```
.background{ background-color: rgb(104,  
199, 179) }
```

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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