

Converting Colors

RGB(100, 184, 179)

Have a look what the booklet for
RGB(100, 184, 179) contains.

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Color

RGB(100, 184, 179)

Conversions

Conversions Part 1

Format	Color
Hex	64B8B3
RGB	100, 184, 179
RGB Percent	39%, 72%, 70%
CMY	0.6078, 0.2784, 0.2980
CMYK	0.46, 0.00, 0.03, 0.28
HSL	176°, 37%, 56%
HSV	176°, 46%, 72%
XYZ	30.5327, 40.2450, 48.8066
YIQ	158.3140, -48.4590, -19.3630

Conversions

Conversions Part 2

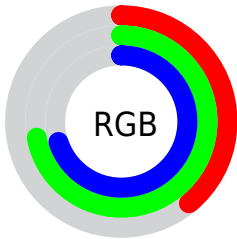
Format	Color
R _Y B	100, 143, 184
Decimal	6600883
CIE Lab	69.64, -26.72, -5.40
CIE LCh	70, 27.259, 191.429
Yxy	40.2450, 0.2553, 0.3365
Android (android.graphics.Color)	4284790963 (0xFF64B8B3)
YUV	158.3140, 10.1982, -51.1414
Hunter-Lab	63.4389, -25.1074, -1.2074

Details

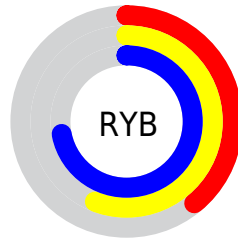
The RGB color **100, 184, 179** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **184, 100, 105**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **156, 240, 235**, and **42, 131, 126** is the 20% darker color. If you saturate the color by 10%, you get **82, 184, 178**, and if you desaturate by 10%, it is **118, 184, 180**.

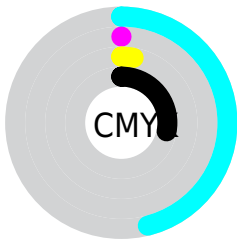
Distribution



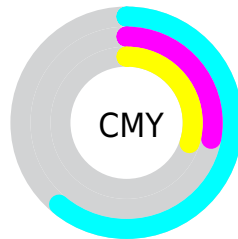
- Red (39%)
- Green (72%)
- Blue (70%)



- Red (39%)
- Yellow (56%)
- Blue (72%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (61%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 184, 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 100, 184, 179 by changing the saturation by 10% instead.

 100, 184, 179


255, 255, 255


 156, 240, 235


 184, 255, 255

 213, 255, 255

 243, 255, 255

 100, 184, 179

 72, 157, 152

 42, 131, 126

 0, 105, 101

 0, 81, 78


 0, 57, 55

 0, 36, 33

 0, 0, 12

 0, 0, 0

 100, 184, 179

 100, 184, 179

■ 82, 184, 178

■ 118, 184, 180

■ 63, 184, 177

■ 137, 184, 181

■ 45, 184, 176

■ 155, 184, 182

■ 26, 184, 175

■ 174, 184, 183

■ 8, 184, 174

■ 192, 184, 184

■ 0, 184, 173

■ 210, 184, 186

■ 229, 184, 187

■ 247, 184, 188

■ 255, 184, 189

Harmonies

Analogous

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



122, 183, 154



100, 184, 179



96, 182, 202

Triad

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



100, 184, 179



186, 161, 207



202, 163, 124

Complementary

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



100, 184, 179



184, 100, 105

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.



217, 156, 139



100, 184, 179



209, 154, 186

Square

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



100, 184, 179



153, 169, 218



220, 152, 161



178, 172, 121

Rectangle

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



100, 184, 179



108, 179, 213



220, 152, 161



208, 161, 127

Sweetspot

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



100, 184, 179



206, 240, 238



106, 184, 100



99, 120, 119



247, 247, 247



120, 120, 120

Same Dimension

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



100, 184, 179



108, 240, 232



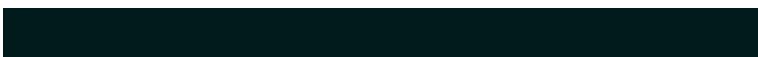
100, 148, 184



83, 92, 91



0, 156, 146



0, 28, 26

Inverse Universe

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



184, 100, 105



240, 108, 116



184, 136, 100



92, 83, 83



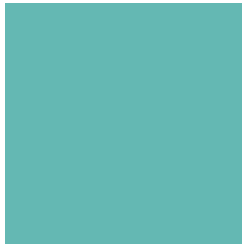
156, 0, 9



28, 0, 2

Previews

White Background



This preview shows how the RGB color 100, 184, 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 100, 184, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

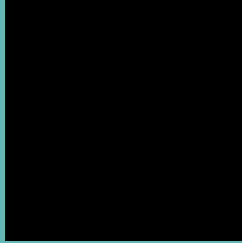
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

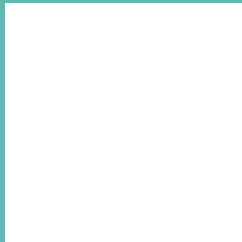
Any Text WCAG AAA ✓ Pass

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

RGB 100, 184, 179 Background



This preview shows how black text looks on a background with the RGB color 100, 184, 179.

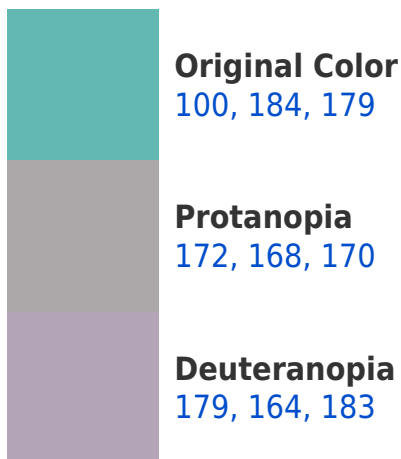


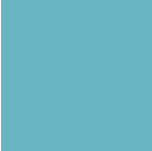
This preview shows how white text looks on a background with the RGB color 100, 184, 179.

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
105, 181, 196

Trichromacy



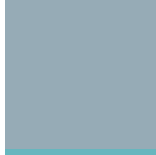
Original Color

100, 184, 179



Protanomaly

146, 174, 173



Deuteranomaly

150, 171, 182



Tritanomaly

103, 182, 190

Monochromacy



Original Color

100, 184, 179



Achromatopsia

158, 158, 158



Achromatomaly

137, 167, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 184, 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(100, 184, 179)` looks like.

```
.text, #text, p{  
    color:rgb(100, 184, 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(100, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 184, 179) }
```

Border

The CSS property to change the border of an element to RGB 100, 184, 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(100, 184, 179) }
```

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

```
.border{ border-color:rgb(100, 184, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 184, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(100, 184,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 100, 184, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 184, 179) }
```

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

```
.background{ background-color: rgb(100,  
184, 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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