

Converting Colors

RGB(108, 179, 175)

Have a look what the booklet for
RGB(108, 179, 175) contains.

RGB(108, 179, 175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(108, 179, 175)

Conversions

Conversions Part 1

Format	Color
Hex	6CB3AF
RGB	108, 179, 175
RGB Percent	42%, 70%, 69%
CMY	0.5765, 0.2980, 0.3137
CMYK	0.40, 0.00, 0.02, 0.30
HSL	177°, 32%, 56%
HSV	177°, 40%, 70%
XYZ	30.0423, 38.5235, 46.4098
YIQ	157.3150, -41.0320, -16.2960

Conversions

Conversions Part 2

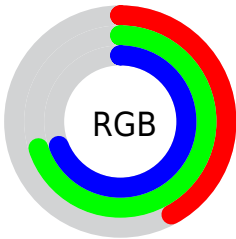
Format	Color
R _{YB}	108, 145, 179
Decimal	7123887
CIE _{Lab}	68.40, -23.22, -4.99
CIE _{LCh}	68, 23.751, 192.127
Y _{xy}	38.5235, 0.2613, 0.3351
Android (android.graphics.Color)	4285313967 (0xFF6CB3AF)
YUV	157.3150, 8.7187, -43.2493
Hunter-Lab	62.0673, -22.2188, -0.8860

Details

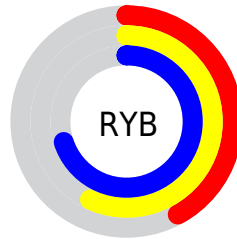
The RGB color **108, 179, 175** is a light color, and the websafe version is hex **669999**. A complement of this color would be **179, 108, 112**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **163, 235, 230**, and **54, 126, 123** is the 20% darker color. If you saturate the color by 10%, you get **90, 179, 174**, and if you desaturate by 10%, it is **126, 179, 176**.

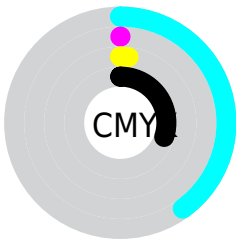
Distribution



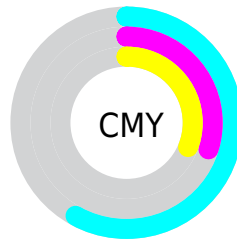
- Red (42%)
- Green (70%)
- Blue (69%)



- Red (42%)
- Yellow (57%)
- Blue (70%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (58%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 179, 175 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 108, 179, 175 by changing the saturation by 10% instead.

 108, 179, 175

255, 255, 255


 163, 235, 230


 191, 255, 255

 220, 255, 255

 249, 255, 255

 108, 179, 175

 81, 152, 148

 54, 126, 123

 23, 101, 98

 0, 76, 74

 0, 53, 52

 0, 33, 30

 0, 0, 5

 0, 0, 0

 108, 179, 175

 108, 179, 175

■ 90, 179, 174

■ 126, 179, 176

■ 72, 179, 173

■ 144, 179, 177

■ 54, 179, 172

■ 162, 179, 178

■ 36, 179, 171

■ 180, 179, 179

■ 18, 179, 170

■ 197, 179, 180

■ 1, 179, 169

■ 215, 179, 181

■ 0, 179, 169

■ 233, 179, 182

■ 251, 179, 183

■ 255, 179, 184

Harmonies

Analogous

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



126, 178, 153



108, 179, 175



106, 177, 195

Triad

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



108, 179, 175



181, 158, 199



194, 161, 126

Complementary

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



108, 179, 175



179, 108, 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.



208, 155, 139



108, 179, 175



202, 153, 180

Square

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



108, 179, 175



153, 166, 208



211, 151, 159



174, 168, 125

Rectangle

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



108, 179, 175



116, 174, 204



211, 151, 159



200, 159, 130

Sweetspot

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



108, 179, 175



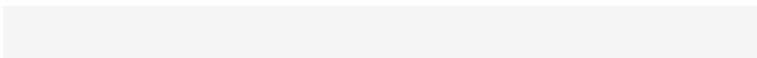
204, 232, 230



113, 179, 108



101, 117, 116



245, 245, 245



117, 117, 117

Same Dimension

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



108, 179, 175



121, 232, 226



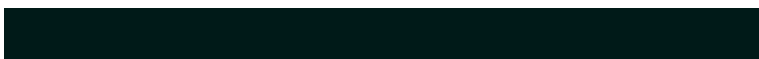
108, 148, 179



80, 89, 89



0, 153, 144



0, 26, 24

Inverse Universe

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



179, 108, 112



232, 121, 127



179, 139, 108



89, 80, 81



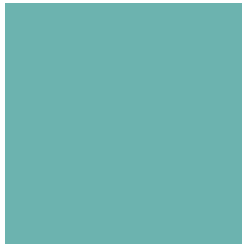
153, 0, 9



26, 0, 1

Previews

White Background



This preview shows how the RGB color 108, 179, 175 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 108, 179, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

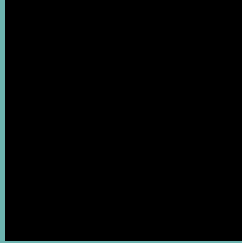
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

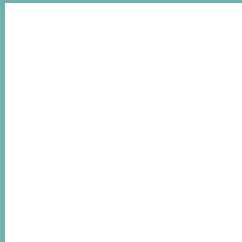
Any Text WCAG AAA ✓ Pass

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

RGB 108, 179, 175 Background



This preview shows how black text looks on a background with the RGB color 108, 179, 175.

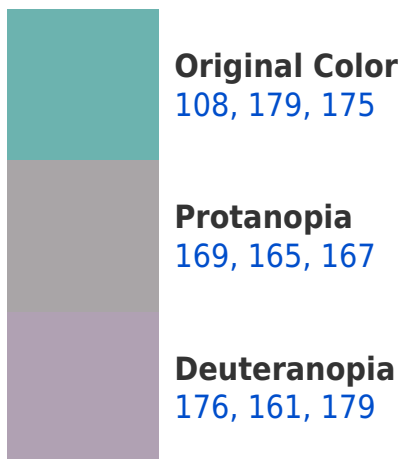


This preview shows how white text looks on a background with the RGB color 108, 179, 175.

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](#).

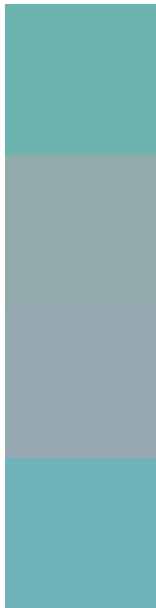
Dichromacy





Tritanopia
112, 177, 191

Trichromacy



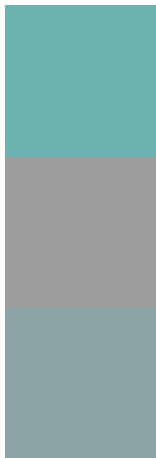
Original Color
108, 179, 175

Protanomaly
147, 170, 170

Deuteranomaly
151, 168, 178

Tritanomaly
111, 178, 185

Monochromacy



Original Color
108, 179, 175

Achromatopsia
157, 157, 157

Achromatomaly
139, 165, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 179, 175 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(108, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(108, 179, 175)  
}
```

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(108, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 179, 175) }
```

Border

The CSS property to change the border of an element to RGB 108, 179, 175 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(108, 179, 175) }
```

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

```
.border{ border-color:rgb(108, 179, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 179, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(108, 179,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 108, 179, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 179, 175) }
```

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

```
.background{ background-color: rgb(108,  
179, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor