

Converting Colors

RGB(109, 178, 175)

Have a look what the booklet for
RGB(109, 178, 175) contains.

RGB(109, 178, 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(109, 178, 175)

Conversions

Conversions Part 1

Format	Color
Hex	6DB2AF
RGB	109, 178, 175
RGB Percent	43%, 70%, 69%
CMY	0.5725, 0.3020, 0.3137
CMYK	0.39, 0.00, 0.02, 0.30
HSL	177°, 31%, 56%
HSV	177°, 39%, 70%
XYZ	29.9649, 38.1871, 46.3490
YIQ	157.0270, -40.1610, -15.5610

Conversions

Conversions Part 2

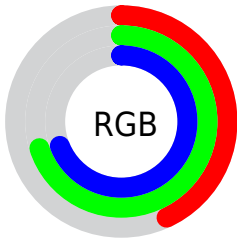
Format	Color
R _Y B	109, 144, 178
Decimal	7189167
CIE Lab	68.16, -22.45, -5.35
CIE LCh	68, 23.080, 193.400
Yxy	38.1871, 0.2617, 0.3335
Android (android.graphics.Color)	4285379247 (0xFF6DB2AF)
YUV	157.0270, 8.8607, -42.1197
Hunter-Lab	61.7957, -21.5874, -1.2126

Details

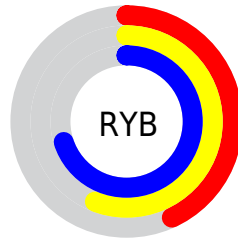
The RGB color **109, 178, 175** is a light color, and the websafe version is hex **669999**. A complement of this color would be **178, 109, 112**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **164, 234, 230**, and **55, 125, 123** is the 20% darker color. If you saturate the color by 10%, you get **91, 178, 174**, and if you desaturate by 10%, it is **127, 178, 176**.

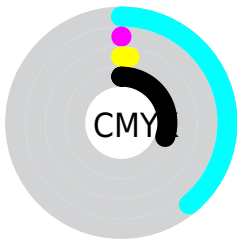
Distribution



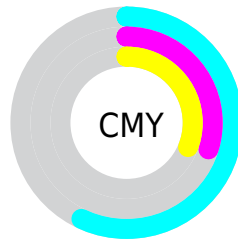
- Red (43%)
- Green (70%)
- Blue (69%)



- Red (43%)
- Yellow (56%)
- Blue (70%)



- Cyan (39%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (57%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 109, 178, 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 109, 178, 175 by changing the saturation by 10% instead.

 109, 178, 175


255, 255, 255


 164, 234, 230


 192, 255, 255

 220, 255, 255

 250, 255, 255

 109, 178, 175


 82, 151, 148

 55, 125, 123

 25, 100, 98

 0, 76, 74

 0, 53, 52

 0, 32, 30

 0, 0, 5

 0, 0, 0

 109, 178, 175

 109, 178, 175

91, 178, 174

127, 178, 176

73, 178, 173

145, 178, 177

56, 178, 173

162, 178, 177

38, 178, 172

180, 178, 178

20, 178, 171

198, 178, 179

2, 178, 170

216, 178, 180

0, 178, 170

234, 178, 180

251, 178, 181

255, 178, 182

Harmonies

Analogous

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



125, 177, 154



109, 178, 175



108, 176, 194

Triad

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



109, 178, 175



181, 158, 197



192, 161, 127

Complementary

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



109, 178, 175



178, 109, 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.



205, 155, 138



109, 178, 175



201, 152, 179

Square

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



109, 178, 175



154, 165, 206



209, 151, 157



172, 168, 126

Rectangle

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



109, 178, 175



118, 173, 203



209, 151, 157



198, 159, 130

Sweetspot

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



109, 178, 175



204, 232, 231



112, 178, 109



101, 117, 117



245, 245, 245



117, 117, 117

Same Dimension

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



109, 178, 175



123, 232, 227



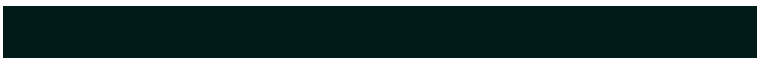
109, 147, 178



80, 89, 89



0, 153, 146



0, 26, 24

Inverse Universe

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



178, 109, 112



232, 123, 128



178, 140, 109



89, 80, 81



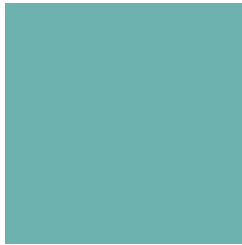
153, 0, 7



26, 0, 1

Previews

White Background



This preview shows how the RGB color 109, 178, 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 109, 178, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

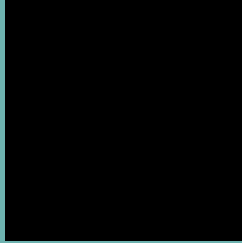
Any Text WCAG AA ✓ Pass

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 109, 178, 175 Background



This preview shows how black text looks on a background with the RGB color 109, 178, 175.

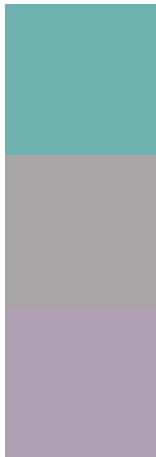


This preview shows how white text looks on a background with the RGB color 109, 178, 175.

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](#).

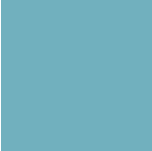
Dichromacy



Original Color
109, 178, 175

Protanopia
168, 165, 167

Deuteranopia
175, 161, 179



Tritanopia
113, 176, 190

Trichromacy



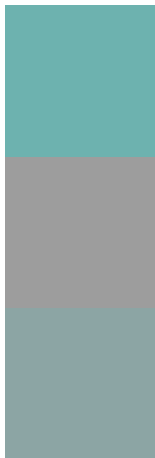
Original Color
109, 178, 175

Protanomaly
147, 170, 170

Deuteranomaly
151, 167, 178

Tritanomaly
112, 177, 185

Monochromacy



Original Color
109, 178, 175

Achromatopsia
157, 157, 157

Achromatomaly
140, 165, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 109, 178, 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(109, 178, 175)` looks like.

```
.text, #text, p{  
    color:rgb(109, 178, 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(109, 178, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 178, 175) }
```

Border

The CSS property to change the border of an element to RGB 109, 178, 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(109, 178, 175) }
```

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

```
.border{ border-color:rgb(109, 178, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 178, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 178, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 178, 175); box-shadow:4px 4px 4px 4px rgb(109, 178, 175) }
```

Background

The CSS property to change the background color of an element to RGB 109, 178, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 178, 175) }
```

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

```
.background{ background-color: rgb(109,  
178, 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