Converting Colors

RGB(108, 180, 167)

Have a look what the booklet for RGB(108, 180, 167) contains.

Color

RGB(108, 180, 167)

Conversions

Conversions Part 1

Format	Color
Hex	6CB4A7
RGB	108, 180, 167
RGB Percent	42%, 71%, 65%
CMY	0.5765, 0.2941, 0.3451
CMYK	0.40, 0.00, 0.07, 0.29
HSL	169°, 32%, 56%
HSV	169°, 40%, 71%
XYZ	29.4807, 38.6207, 42.4600
YIQ	156.9900, -38.7390, -19.3070

Conversions

Conversions Part 2

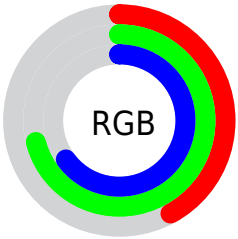
Format	Color
RYB	108, 148, 180
Decimal	7124135
CIELab	68.48, -25.66, -0.47
CIELCh	68, 25.667, 181.050
Yxy	38.6207, 0.2666, 0.3493
Android (android.graphics.Color)	4285314215 (0xFF6CB4A7)
YUV	156.9900, 4.9349, -42.9642
Hunter-Lab	62.1455, -24.0777, 2.9929

Details

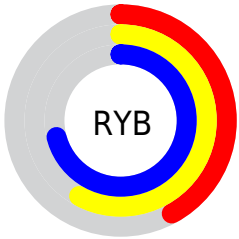
The RGB color 108, 180, 167 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 180, 108, 121, and the grayscale version is 157, 157, 157.

A 20% lighter version of the original color is 163, 236, 222, and 54, 127, 115 is the 20% darker color. If you saturate the color by 10%, you get 90, 180, 164, and if you desaturate by 10%, it is 126, 180, 170.

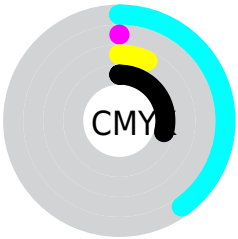
Distribution



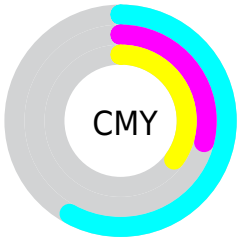
- Red (42%)
- Green (71%)
- Blue (65%)



- Red (42%)
- Yellow (58%)
- Blue (71%)



- Cyan (40%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)



- Cyan (58%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 180, 167 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, 180, 167 by changing the saturation by 10% instead.

108, 180, 167	108, 180, 167
255, 255, 255	81, 153, 141
163, 236, 222	54, 127, 115
191, 255, 251	24, 102, 91
219, 255, 255	0, 77, 67
249, 255, 255	0, 54, 45
	0, 33, 24
	0, 0, 0

108, 180, 167	108, 180, 167
90, 180, 164	126, 180, 170

72, 180, 160

54, 180, 157

36, 180, 154

18, 180, 151

0, 180, 147

144, 180, 174

162, 180, 177

180, 180, 180

198, 180, 183

216, 180, 187

234, 180, 190

252, 180, 193

255, 180, 196

Harmonies

Analogous

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

131, 178, 144

108, 180, 167

98, 179, 190

Triad

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

108, 180, 167

172, 161, 207

203, 158, 127

Complementary

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

108, 180, 167

180, 108, 121

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.

213, 152, 144

108, 180, 167

198, 154, 190

Square

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

108, 180, 167

139, 169, 213

212, 150, 167

183, 166, 121

Rectangle

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

108, 180, 167

103, 177, 202

212, 150, 167

207, 156, 132

Sweetspot

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

108, 180, 167

206, 235, 230

121, 180, 108

101, 117, 114

245, 245, 245

117, 117, 117

Same Dimension

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

108, 180, 167

122, 235, 214

108, 157, 180

80, 89, 88

0, 153, 125

0, 26, 21

Inverse Universe

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

180, 108, 121

235, 122, 142

180, 131, 108

89, 80, 82

153, 0, 28

26, 0, 5

Previews

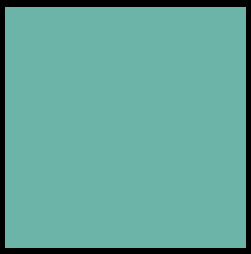
White Background

This preview shows how the RGB color 108, 180, 167 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



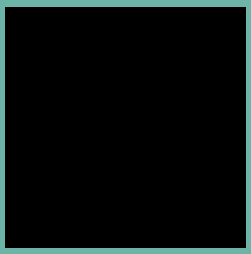
This preview shows how the RGB color 108, 180, 167 looks on a black background.

Color Contrast Check

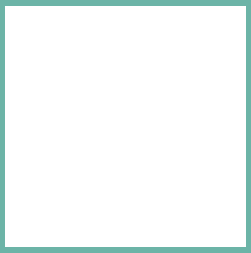
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 108, 180, 167 Background



This preview shows how black text looks on a background with the RGB color 108, 180, 167.



This preview shows how white text looks on a background with the RGB color 108, 180, 167.

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

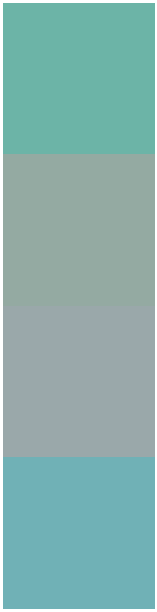
Original Color
108, 180, 167

Protanopia
171, 165, 159

Deuteranopia
180, 161, 171

Tritanopia
114, 176, 191

Trichromacy



Original Color
108, 180, 167

Protanomaly
148, 170, 162

Deuteranomaly
154, 168, 170

Tritanomaly
112, 177, 182

Monochromacy

Original Color
108, 180, 167

Achromatopsia
157, 157, 157

Achromatomaly
139, 165, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 180, 167 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, 180, 167) looks like.

```
.text, #text, p{
    color:rgb(108, 180, 167)
}
```

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, 180, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 180, 167) }
```

Border

The CSS property to change the border of an element to RGB 108, 180, 167 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, 180, 167) }
```

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

```
.border{ border-color:rgb(108, 180, 167) }
```

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

Here you see how a box with a 4 pixel rgb(108, 180, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 180, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 180, 167); box-shadow:4px 4px 4px 4px rgb(108, 180, 167) }
```

Background

The CSS property to change the background color of an element to RGB 108, 180, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(108, 180, 167) }
```

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

```
.background{ background-color:rgb(108,
180, 167) }
```

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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