

Converting Colors

RGB(108, 196, 178)

Have a look what the booklet for
RGB(108, 196, 178) contains.

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Color

RGB(108, 196, 178)

Conversions

Conversions Part 1

Format	Color
Hex	6CC4B2
RGB	108, 196, 178
RGB Percent	42%, 77%, 70%
CMY	0.5765, 0.2314, 0.3020
CMYK	0.45, 0.00, 0.09, 0.23
HSL	168°, 43%, 60%
HSV	168°, 45%, 77%
XYZ	33.9602, 45.8824, 49.1858
YIQ	167.6360, -46.6700, -24.2540

Conversions

Conversions Part 2

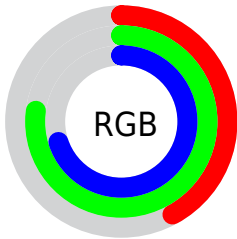
Format	Color
RYB	108, 157, 196
Decimal	7128242
CIELab	73.47, -30.85, 0.80
CIELCh	73, 30.856, 178.516
Yxy	45.8824, 0.2632, 0.3556
Android (android.graphics.Color)	4285318322 (0xFF6CC4B2)
YUV	167.6360, 5.1095, -52.3008
Hunter-Lab	67.7365, -29.0467, 4.3631

Details

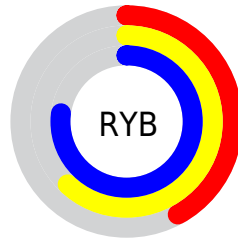
The RGB color **108, 196, 178** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **196, 108, 126**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **164, 253, 234**, and **51, 142, 125** is the 20% darker color. If you saturate the color by 10%, you get **88, 196, 174**, and if you desaturate by 10%, it is **128, 196, 182**.

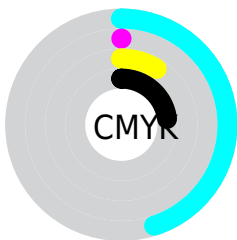
Distribution



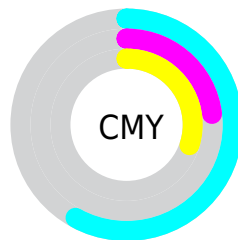
- Red (42%)
- Green (77%)
- Blue (70%)



- Red (42%)
- Yellow (62%)
- Blue (77%)



- Cyan (45%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)



- Cyan (58%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 196, 178 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, 196, 178 by changing the saturation by 10% instead.

 108, 196, 178


255, 255, 255


 164, 253, 234


 192, 255, 255


 222, 255, 255

 251, 255, 255

 108, 196, 178

 80, 169, 151

 51, 142, 125

 13, 116, 101

 0, 91, 77


 0, 67, 54


 0, 44, 33

 0, 21, 10


 0, 0, 0

 108, 196, 178


 108, 196, 178

 88, 196, 174


 128, 196, 182

 69, 196, 170


 147, 196, 186


 49, 196, 166

 167, 196, 190

 30, 196, 162

 186, 196, 194

 10, 196, 158

 206, 196, 198

 0, 196, 156

 226, 196, 202

 245, 196, 206

 255, 196, 210

 255, 196, 214

Harmonies

Analogous

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



139, 193, 150



108, 196, 178



90, 195, 206

Triad

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



108, 196, 178



183, 174, 230



225, 169, 133

Complementary

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



108, 196, 178



196, 108, 126

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.



237, 161, 155



108, 196, 178



215, 164, 210

Square

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



108, 196, 178



142, 184, 237



234, 160, 183



202, 178, 124

Rectangle

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



108, 196, 178



96, 193, 222



234, 160, 183



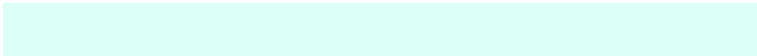
230, 166, 139

Sweetspot

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



108, 196, 178



222, 255, 248



127, 196, 108



107, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



108, 196, 178



117, 255, 227



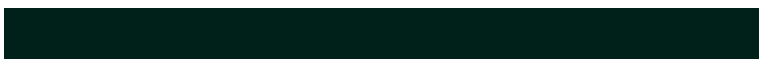
108, 171, 196



87, 97, 95



0, 161, 128



0, 33, 26

Inverse Universe

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



196, 108, 126



255, 117, 145



196, 133, 108



97, 87, 89



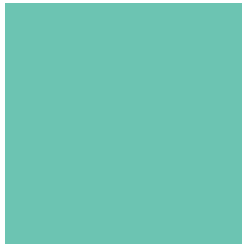
161, 0, 33



33, 0, 7

Previews

White Background



This preview shows how the RGB color 108, 196, 178 looks on a white background.

Color Contrast Check

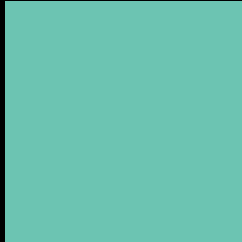
Large Text (above 18pt) WCAG AA × Fail

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, 196, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

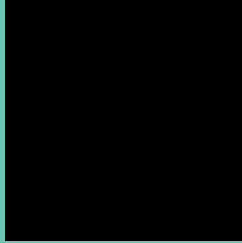
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

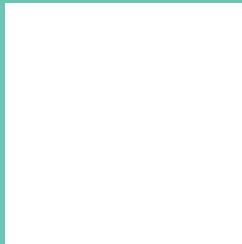
Any Text WCAG AAA ✓ Pass

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

RGB 108, 196, 178 Background



This preview shows how black text looks on a background with the RGB color 108, 196, 178.

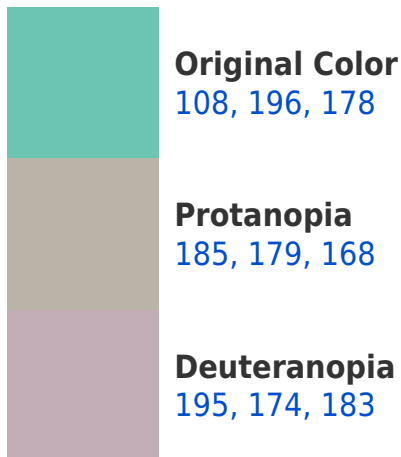


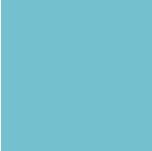
This preview shows how white text looks on a background with the RGB color 108, 196, 178.

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
116, 192, 207

Trichromacy



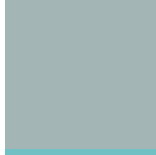
Original Color

108, 196, 178



Protanomaly

157, 185, 172



Deuteranomaly

163, 182, 181



Tritanomaly

113, 193, 196

Monochromacy



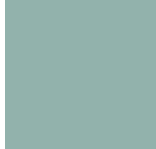
Original Color

108, 196, 178



Achromatopsia

168, 168, 168



Achromatomaly

146, 178, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 196, 178 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, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(108, 196, 178)  
}
```

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, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 196, 178) }
```

Border

The CSS property to change the border of an element to RGB 108, 196, 178 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, 196, 178) }
```

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

```
.border{ border-color:rgb(108, 196, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 196, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 196, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 196, 178);  
box-shadow:4px 4px 4px 4px rgb(108, 196,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 108, 196, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 196, 178) }
```

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

```
.background{ background-color: rgb(108,  
196, 178) }
```

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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