

Converting Colors

RGB(110, 177, 180)

Have a look what the booklet for
RGB(110, 177, 180) contains.

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Color

RGB(110, 177, 180)

Conversions

Conversions Part 1

Format	Color
Hex	6EB1B4
RGB	110, 177, 180
RGB Percent	43%, 69%, 71%
CMY	0.5686, 0.3059, 0.2941
CMYK	0.39, 0.02, 0.00, 0.29
HSL	183°, 32%, 57%
HSV	183°, 39%, 71%
XYZ	30.3908, 38.0546, 48.9235
YIQ	157.3090, -40.8950, -13.2710

Conversions

Conversions Part 2

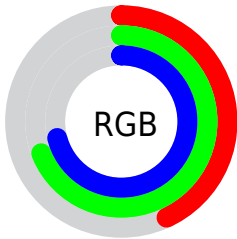
Format	Color
RYB	110, 144, 180
Decimal	7254452
CIELab	68.06, -20.43, -8.25
CIElCh	68, 22.031, 201.999
Yxy	38.0546, 0.2589, 0.3242
Android (android.graphics.Color)	4285444532 (0xFF6EB1B4)
YUV	157.3090, 11.1867, -41.4900
Hunter-Lab	61.6884, -20.0167, -3.8396

Details

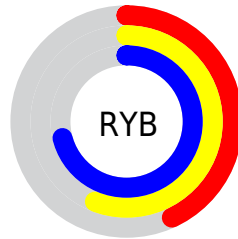
The RGB color **110, 177, 180** is a light color, and the websafe version is hex **669999**. A complement of this color would be **180, 113, 110**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **165, 233, 236**, and **56, 124, 127** is the 20% darker color. If you saturate the color by 10%, you get **92, 176, 180**, and if you desaturate by 10%, it is **128, 178, 180**.

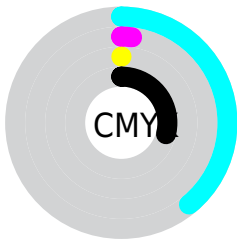
Distribution



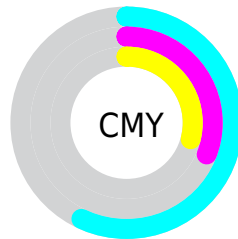
- Red (43%)
- Green (69%)
- Blue (71%)



- Red (43%)
- Yellow (56%)
- Blue (71%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)




- Cyan (57%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 110, 177, 180 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 110, 177, 180 by changing the saturation by 10% instead.

 110, 177, 180


255, 255, 255


 165, 233, 236


 193, 255, 255

 222, 255, 255

 251, 255, 255

 110, 177, 180


 83, 150, 153

 56, 124, 127

 26, 99, 102

 0, 75, 78


 0, 52, 56

 0, 31, 34

 0, 0, 12

 0, 0, 0

 110, 177, 180

 110, 177, 180

92, 176, 180

128, 178, 180

74, 175, 180

146, 179, 180

56, 175, 180

164, 179, 180

38, 174, 180

182, 180, 180

20, 173, 180

200, 181, 180

2, 172, 180

218, 182, 180

0, 172, 180

236, 182, 180

254, 183, 180

255, 184, 180

Harmonies

Analogous

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



122, 177, 160



110, 177, 180



115, 174, 197

Triad

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



110, 177, 180



186, 156, 191



186, 163, 127

Complementary

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



110, 177, 180



180, 113, 110

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.



201, 156, 135



110, 177, 180



202, 152, 172

Square

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



110, 177, 180



162, 163, 203



207, 152, 152



165, 169, 129

Rectangle

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



110, 177, 180



127, 171, 203



207, 152, 152



192, 161, 129

Sweetspot

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



110, 177, 180



206, 233, 235



110, 180, 112



101, 117, 117



245, 245, 245



117, 117, 117

Same Dimension

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



110, 177, 180



124, 230, 235



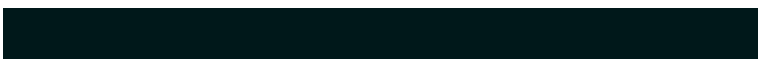
110, 143, 180



80, 89, 89



0, 146, 153



0, 24, 26

Inverse Universe

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



180, 110, 177



235, 124, 230



180, 147, 110



89, 80, 89



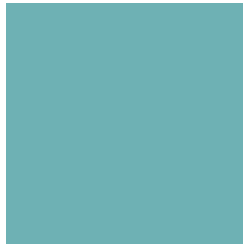
153, 0, 146



26, 0, 24

Previews

White Background



This preview shows how the RGB color 110, 177, 180 looks on a white background.

Color Contrast Check

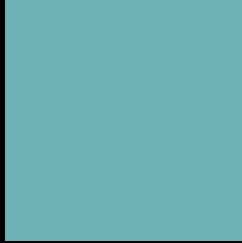
Large Text (above 18pt) WCAG AA × Fail

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 110, 177, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

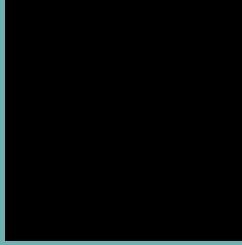
Any Text WCAG AA ✓ Pass

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 110, 177, 180 Background



This preview shows how black text looks on a background with the RGB color 110, 177, 180.

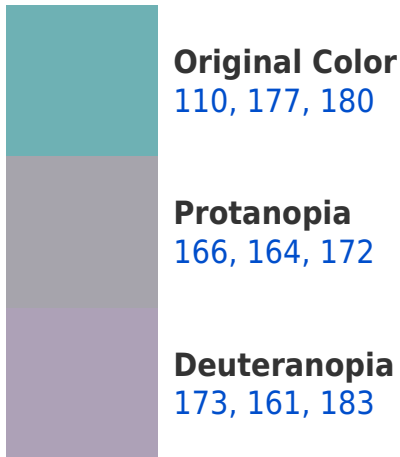


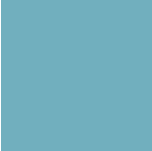
This preview shows how white text looks on a background with the RGB color 110, 177, 180.

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
113, 175, 190

Trichromacy



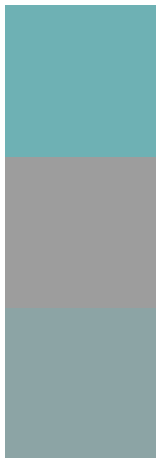
Original Color
110, 177, 180

Protanomaly
146, 169, 175

Deuteranomaly
150, 167, 182

Tritanomaly
112, 176, 186

Monochromacy



Original Color
110, 177, 180

Achromatopsia
157, 157, 157

Achromatomaly
140, 164, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 110, 177, 180 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(110, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(110, 177, 180)  
}
```

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(110, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 177, 180) }
```

Border

The CSS property to change the border of an element to RGB 110, 177, 180 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(110, 177, 180) }
```

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

```
.border{ border-color:rgb(110, 177, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(110, 177,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 110, 177, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 177, 180) }
```

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

```
.background{ background-color: rgb(110,  
177, 180) }
```

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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