

Converting Colors

RGB(111, 193, 177)

Have a look what the booklet for
RGB(111, 193, 177) contains.

RGB(111, 193, 177)	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(111, 193, 177)

Conversions

Conversions Part 1

Format	Color
Hex	6FC1B1
RGB	111, 193, 177
RGB Percent	44%, 76%, 69%
CMY	0.5647, 0.2431, 0.3059
CMYK	0.42, 0.00, 0.08, 0.24
HSL	168°, 40%, 60%
HSV	168°, 42%, 76%
XYZ	33.5613, 44.6938, 48.4529
YIQ	166.6580, -43.7360, -22.3600

Conversions

Conversions Part 2

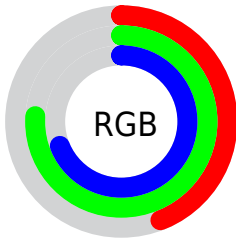
Format	Color
RYB	111, 156, 193
Decimal	7324081
CIELab	72.69, -28.88, 0.22
CIELCh	73, 28.881, 179.561
Yxy	44.6938, 0.2649, 0.3527
Android (android.graphics.Color)	4285514161 (0xFF6FC1B1)
YUV	166.6580, 5.0986, -48.8121
Hunter-Lab	66.8534, -27.3840, 3.8262

Details

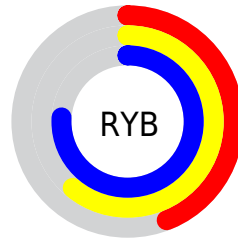
The RGB color **111, 193, 177** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **193, 111, 127**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **167, 250, 233**, and **55, 139, 125** is the 20% darker color. If you saturate the color by 10%, you get **92, 193, 173**, and if you desaturate by 10%, it is **130, 193, 181**.

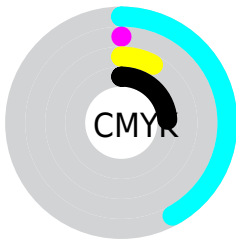
Distribution



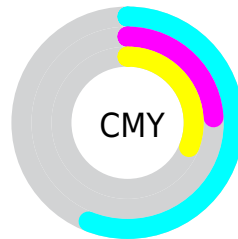
- Red (44%)
- Green (76%)
- Blue (69%)



- Red (44%)
- Yellow (61%)
- Blue (76%)



- Cyan (42%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)




- Cyan (56%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 111, 193, 177 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 111, 193, 177 by changing the saturation by 10% instead.

 111, 193, 177


255, 255, 255


 167, 250, 233


 195, 255, 255


 224, 255, 255


253, 255, 255

 111, 193, 177

 84, 166, 150

 55, 139, 125

 23, 113, 100


 0, 88, 76


 0, 64, 53

 0, 42, 32

 0, 17, 9

 0, 0, 0

 111, 193, 177

 111, 193, 177

■ 92, 193, 173

■ 130, 193, 181

■ 72, 193, 169

■ 150, 193, 185

■ 53, 193, 166

■ 169, 193, 188

■ 34, 193, 162

■ 188, 193, 192

■ 15, 193, 158

■ 208, 193, 196

■ 0, 193, 155

■ 227, 193, 200

■ 246, 193, 203

■ 255, 193, 207

■ 255, 193, 211

Harmonies

Analogous

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



139, 190, 151



111, 193, 177



97, 192, 203

Triad

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



111, 193, 177



182, 172, 224



219, 168, 134

Complementary

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



111, 193, 177



193, 111, 127

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.



231, 161, 154



111, 193, 177



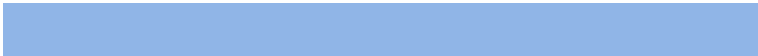
212, 163, 206

Square

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



111, 193, 177



144, 181, 231



229, 159, 180



198, 176, 126

Rectangle

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



111, 193, 177



102, 190, 218



229, 159, 180



225, 165, 139

Sweetspot

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



111, 193, 177



217, 250, 244



127, 193, 111



105, 125, 121



252, 252, 252



125, 125, 125

Same Dimension

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



111, 193, 177



122, 250, 225



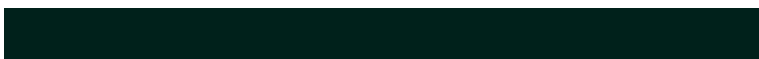
111, 168, 193



87, 97, 95



0, 161, 129



0, 33, 27

Inverse Universe

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



193, 111, 127



250, 122, 147



193, 136, 111



97, 87, 89



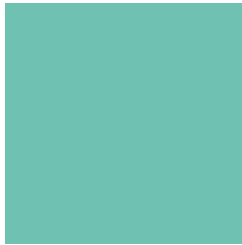
161, 0, 31



33, 0, 6

Previews

White Background



This preview shows how the RGB color 111, 193, 177 looks on a white background.

Color Contrast Check

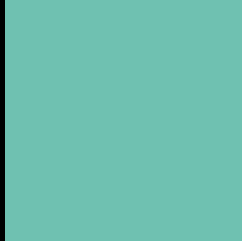
Large Text (above 18pt) WCAG AA × Fail

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 111, 193, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

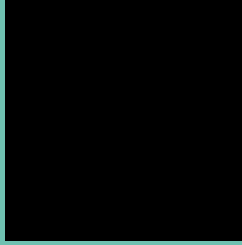
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

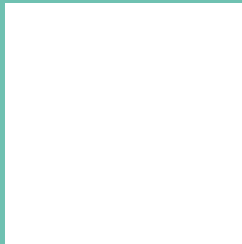
Any Text WCAG AAA ✓ Pass

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

RGB 111, 193, 177 Background



This preview shows how black text looks on a background with the RGB color 111, 193, 177.



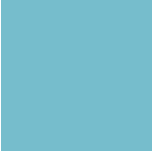
This preview shows how white text looks on a background with the RGB color 111, 193, 177.

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
118, 189, 204

Trichromacy



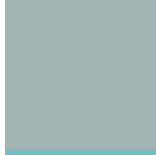
Original Color

111, 193, 177



Protanomaly

157, 183, 171



Deuteranomaly

163, 180, 180



Tritanomaly

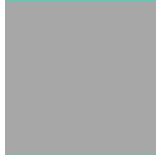
115, 190, 194

Monochromacy



Original Color

111, 193, 177



Achromatopsia

167, 167, 167



Achromatomaly

147, 176, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 111, 193, 177 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(111, 193, 177)` looks like.

```
.text, #text, p{  
    color:rgb(111, 193, 177)  
}
```

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(111, 193, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 193, 177) }
```

Border

The CSS property to change the border of an element to RGB 111, 193, 177 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(111, 193, 177) }
```

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

```
.border{ border-color:rgb(111, 193, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 193, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 193, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 193, 177);  
box-shadow:4px 4px 4px 4px rgb(111, 193,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 111, 193, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 193, 177) }
```

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

```
.background{ background-color: rgb(111,  
193, 177) }
```

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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