

Converting Colors

RGB(114, 189, 177)

Have a look what the booklet for
RGB(114, 189, 177) contains.

RGB(114, 189, 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(114, 189, 177)

Conversions

Conversions Part 1

Format	Color
Hex	72BDB1
RGB	114, 189, 177
RGB Percent	45%, 74%, 69%
CMY	0.5529, 0.2588, 0.3059
CMYK	0.40, 0.00, 0.06, 0.26
HSL	170°, 36%, 59%
HSV	170°, 40%, 74%
XYZ	33.0728, 43.1469, 48.1800
YIQ	165.2070, -40.8480, -19.6320

Conversions

Conversions Part 2

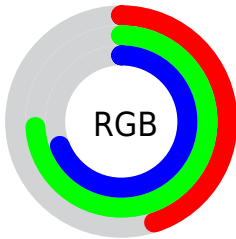
Format	Color
RYB	114, 155, 189
Decimal	7519665
CIELab	71.65, -26.14, -1.28
CIElCh	72, 26.173, 182.795
Yxy	43.1469, 0.2659, 0.3468
Android (android.graphics.Color)	4285709745 (0xFF72BDB1)
YUV	165.2070, 5.8139, -44.9085
Hunter-Lab	65.6863, -25.0769, 2.4920

Details

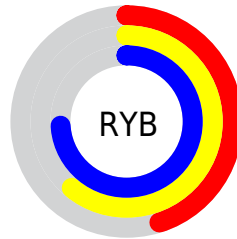
The RGB color **114, 189, 177** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **189, 114, 126**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **169, 246, 233**, and **60, 135, 125** is the 20% darker color. If you saturate the color by 10%, you get **95, 189, 174**, and if you desaturate by 10%, it is **133, 189, 180**.

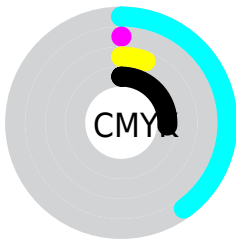
Distribution



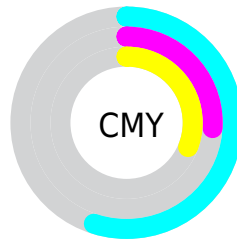
- Red (45%)
- Green (74%)
- Blue (69%)



- Red (45%)
- Yellow (61%)
- Blue (74%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)




- Cyan (55%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 189, 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 114, 189, 177 by changing the saturation by 10% instead.


 114, 189, 177


255, 255, 255


 169, 246, 233


 197, 255, 255


 226, 255, 255

 114, 189, 177


 87, 162, 150

 60, 135, 125

 30, 110, 100


 0, 85, 76


 0, 61, 53

 0, 39, 32

 0, 12, 9

 0, 0, 0

 114, 189, 177

 114, 189, 177

■ 95, 189, 174

■ 133, 189, 180

■ 76, 189, 171

■ 152, 189, 183

■ 57, 189, 168

■ 171, 189, 186

■ 38, 189, 165

■ 190, 189, 189

■ 19, 189, 162

■ 209, 189, 192

■ 1, 189, 159

■ 227, 189, 195

■ 0, 189, 159

■ 246, 189, 198

■ 255, 189, 201

■ 255, 189, 204

Harmonies

Analogous

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



137, 187, 153



114, 189, 177



105, 188, 201

Triad

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



114, 189, 177



182, 169, 216



211, 167, 134

Complementary

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



114, 189, 177



189, 114, 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.



223, 160, 151



114, 189, 177



208, 161, 198

Square

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



114, 189, 177



149, 177, 223



222, 158, 174



191, 175, 128

Rectangle

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



114, 189, 177



111, 186, 213



222, 158, 174



216, 164, 138

Sweetspot

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



114, 189, 177



215, 245, 240



127, 189, 114



105, 122, 120



250, 250, 250



122, 122, 122

Same Dimension

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



114, 189, 177



127, 245, 226



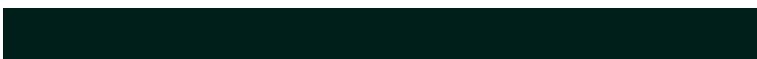
114, 164, 189



85, 94, 93



0, 158, 133



0, 31, 26

Inverse Universe

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



189, 114, 126



245, 127, 146



189, 139, 114



94, 85, 86



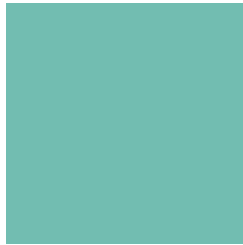
158, 0, 25



31, 0, 5

Previews

White Background



This preview shows how the RGB color 114, 189, 177 looks on a white background.

Color Contrast Check

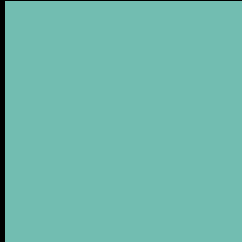
Large Text (above 18pt) WCAG AA × Fail

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 114, 189, 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 114, 189, 177 Background



This preview shows how black text looks on a background with the RGB color 114, 189, 177.

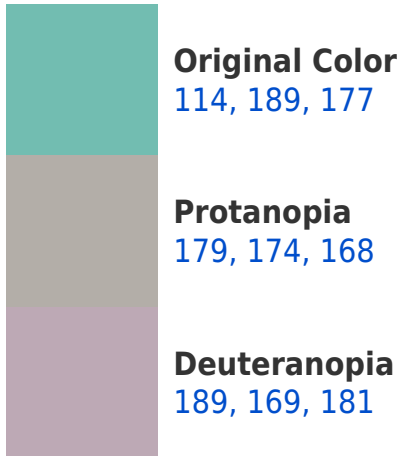


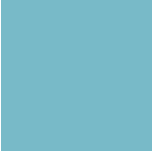
This preview shows how white text looks on a background with the RGB color 114, 189, 177.

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
120, 186, 200

Trichromacy



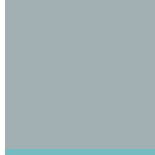
Original Color

114, 189, 177



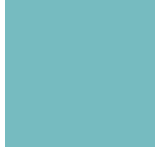
Protanomaly

155, 179, 171



Deuteranomaly

162, 176, 180



Tritanomaly

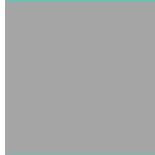
118, 187, 192

Monochromacy



Original Color

114, 189, 177



Achromatopsia

165, 165, 165



Achromatomaly

146, 174, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 189, 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(114, 189, 177)` looks like.

```
.text, #text, p{  
    color:rgb(114, 189, 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(114, 189, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 189, 177) }
```

Border

The CSS property to change the border of an element to RGB 114, 189, 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(114, 189, 177) }
```

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

```
.border{ border-color:rgb(114, 189, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 189, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 189, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 189, 177);  
box-shadow:4px 4px 4px 4px rgb(114, 189,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 114, 189, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 189, 177) }
```

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

```
.background{ background-color: rgb(114,  
189, 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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