

Converting Colors

RGB(115, 187, 181)

Have a look what the booklet for
RGB(115, 187, 181) contains.

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Color

RGB(115, 187, 181)

Conversions

Conversions Part 1

Format	Color
Hex	73BBB5
RGB	115, 187, 181
RGB Percent	45%, 73%, 71%
CMY	0.5490, 0.2667, 0.2902
CMYK	0.39, 0.00, 0.03, 0.27
HSL	175°, 35%, 59%
HSV	175°, 39%, 73%
XYZ	33.1810, 42.5217, 50.1747
YIQ	164.7880, -40.9860, -17.1300

Conversions

Conversions Part 2

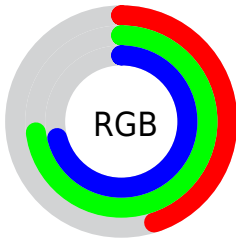
Format	Color
RYB	115, 153, 187
Decimal	7584693
CIELab	71.23, -23.92, -4.08
CIELCh	71, 24.271, 189.689
Yxy	42.5217, 0.2636, 0.3378
Android (android.graphics.Color)	4285774773 (0xFF73BBB5)
YUV	164.7880, 7.9925, -43.6641
Hunter-Lab	65.2087, -23.2864, 0.0254

Details

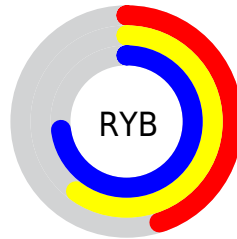
The RGB color **115, 187, 181** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **187, 115, 121**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **170, 243, 237**, and **61, 134, 128** is the 20% darker color. If you saturate the color by 10%, you get **96, 187, 179**, and if you desaturate by 10%, it is **134, 187, 183**.

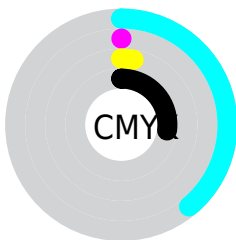
Distribution



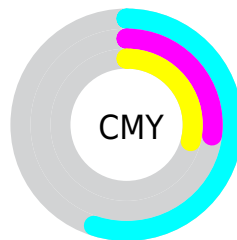
- Red (45%)
- Green (73%)
- Blue (71%)



- Red (45%)
- Yellow (60%)
- Blue (73%)



- Cyan (39%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 187, 181 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 115, 187, 181 by changing the saturation by 10% instead.

 115, 187, 181


255, 255, 255


 170, 243, 237


 198, 255, 255


 227, 255, 255

 115, 187, 181


 88, 160, 154

 61, 134, 128

 32, 108, 103

 0, 83, 79


 0, 60, 56

 0, 38, 35

 0, 9, 14

 0, 0, 0

 115, 187, 181

 115, 187, 181

96, 187, 179

134, 187, 183

78, 187, 178

152, 187, 184

59, 187, 176

171, 187, 186

40, 187, 175

190, 187, 187

22, 187, 173

209, 187, 189

3, 187, 172

227, 187, 190

0, 187, 171

246, 187, 192

255, 187, 193

255, 187, 195

Harmonies

Analogous

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



134, 186, 158



115, 187, 181



112, 185, 202

Triad

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



115, 187, 181



187, 166, 208



204, 168, 133

Complementary

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



115, 187, 181



187, 115, 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.



217, 161, 147



115, 187, 181



209, 160, 190

Square

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



115, 187, 181



158, 174, 218



219, 158, 168



184, 175, 131

Rectangle

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



115, 187, 181



121, 183, 212



219, 158, 168



210, 165, 137

Sweetspot

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



115, 187, 181



213, 242, 240



121, 187, 115



105, 122, 121



250, 250, 250



122, 122, 122

Same Dimension

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



115, 187, 181



131, 242, 233



115, 157, 187



85, 94, 94



0, 158, 145



0, 31, 28

Inverse Universe

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



187, 115, 121



242, 131, 140



187, 145, 115



94, 85, 86



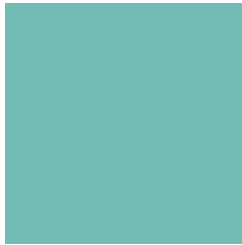
158, 0, 13



31, 0, 3

Previews

White Background



This preview shows how the RGB color 115, 187, 181 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 115, 187, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

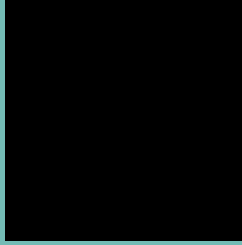
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

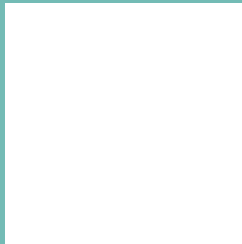
Any Text WCAG AAA ✓ Pass

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

RGB 115, 187, 181 Background



This preview shows how black text looks on a background with the RGB color 115, 187, 181.

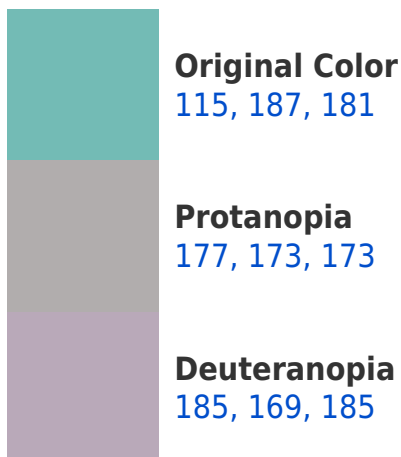


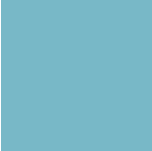
This preview shows how white text looks on a background with the RGB color 115, 187, 181.

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, 184, 199

Trichromacy



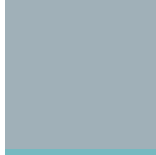
Original Color

115, 187, 181



Protanomaly

154, 178, 176



Deuteranomaly

160, 176, 184



Tritanomaly

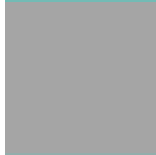
118, 185, 192

Monochromacy



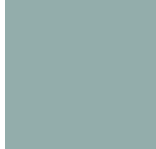
Original Color

115, 187, 181



Achromatopsia

165, 165, 165



Achromatomaly

147, 173, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 187, 181 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(115, 187, 181)` looks like.

```
.text, #text, p{  
    color:rgb(115, 187, 181)  
}
```

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(115, 187, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 187, 181) }
```

Border

The CSS property to change the border of an element to RGB 115, 187, 181 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(115, 187, 181) }
```

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

```
.border{ border-color:rgb(115, 187, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 187, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 187, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 187, 181);  
box-shadow:4px 4px 4px 4px rgb(115, 187,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 115, 187, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 187, 181) }
```

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

```
.background{ background-color: rgb(115,  
187, 181) }
```

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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