

Converting Colors

RGB(115, 186, 175)

Have a look what the booklet for
RGB(115, 186, 175) contains.

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Color

RGB(115, 186, 175)

Conversions

Conversions Part 1

Format	Color
Hex	73BAAF
RGB	115, 186, 175
RGB Percent	45%, 73%, 69%
CMY	0.5490, 0.2706, 0.3137
CMYK	0.38, 0.00, 0.06, 0.27
HSL	171°, 34%, 59%
HSV	171°, 38%, 73%
XYZ	32.3670, 41.8578, 46.9309
YIQ	163.5170, -38.7850, -18.4730

Conversions

Conversions Part 2

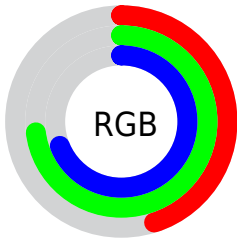
Format	Color
RYB	115, 153, 186
Decimal	7584431
CIELab	70.77, -24.86, -1.47
CIELCh	71, 24.904, 183.379
Yxy	41.8578, 0.2672, 0.3455
Android (android.graphics.Color)	4285774511 (0xFF73BAAF)
YUV	163.5170, 5.6611, -42.5494
Hunter-Lab	64.6976, -23.9206, 2.2800

Details

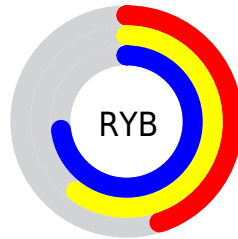
The RGB color **115, 186, 175** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **186, 115, 126**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **170, 242, 230**, and **61, 133, 123** is the 20% darker color. If you saturate the color by 10%, you get **96, 186, 172**, and if you desaturate by 10%, it is **134, 186, 178**.

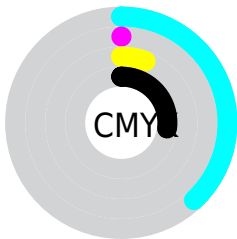
Distribution



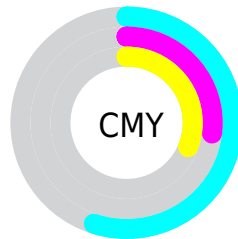
- Red (45%)
- Green (73%)
- Blue (69%)



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



- Cyan (38%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 186, 175 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, 186, 175 by changing the saturation by 10% instead.

 115, 186, 175


255, 255, 255


 170, 242, 230


 198, 255, 255


 227, 255, 255

 115, 186, 175


 88, 159, 148

 61, 133, 123

 33, 107, 98

 0, 82, 74


 0, 59, 52

 0, 37, 30

 0, 6, 6

 0, 0, 0

 115, 186, 175

 115, 186, 175

96, 186, 172

134, 186, 178

78, 186, 169

152, 186, 181

59, 186, 166

171, 186, 184

41, 186, 163

189, 186, 187

22, 186, 161

208, 186, 189

3, 186, 158

227, 186, 192

0, 186, 157

245, 186, 195

255, 186, 198

255, 186, 201

Harmonies

Analogous

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



137, 184, 152



115, 186, 175



107, 185, 197

Triad

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



115, 186, 175



180, 166, 211



207, 165, 133

Complementary

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



115, 186, 175



186, 115, 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.



218, 159, 149



115, 186, 175



205, 160, 194

Square

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



115, 186, 175



149, 174, 218



218, 157, 171



187, 172, 128

Rectangle

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



115, 186, 175



114, 183, 209



218, 157, 171



212, 163, 138

Sweetspot

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



115, 186, 175



216, 242, 238



127, 186, 115



106, 122, 120



250, 250, 250



122, 122, 122

Same Dimension

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



115, 186, 175



131, 242, 225



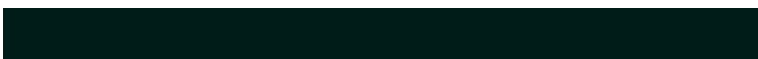
115, 162, 186



83, 92, 90



0, 156, 131



0, 28, 24

Inverse Universe

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



186, 115, 126



242, 131, 148



186, 139, 115



92, 83, 84



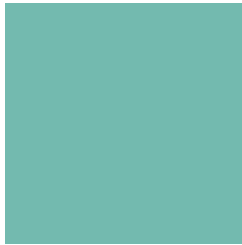
156, 0, 24



28, 0, 4

Previews

White Background



This preview shows how the RGB color 115, 186, 175 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, 186, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

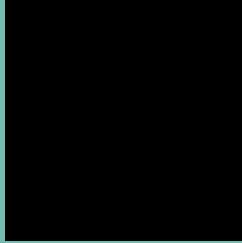
Any Text WCAG AA ✓ Pass

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, 186, 175 Background



This preview shows how black text looks on a background with the RGB color 115, 186, 175.

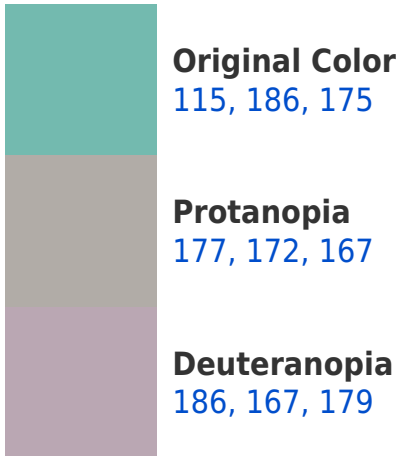


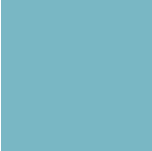
This preview shows how white text looks on a background with the RGB color 115, 186, 175.

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
121, 183, 197

Trichromacy



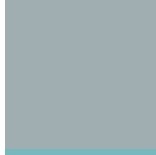
Original Color

115, 186, 175



Protanomaly

154, 177, 170



Deuteranomaly

160, 174, 178



Tritanomaly

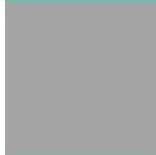
119, 184, 189

Monochromacy



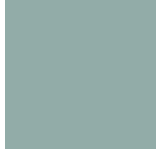
Original Color

115, 186, 175



Achromatopsia

164, 164, 164



Achromatomaly

146, 172, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 186, 175 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, 186, 175)` looks like.

```
.text, #text, p{  
    color:rgb(115, 186, 175)  
}
```

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, 186, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 186, 175) }
```

Border

The CSS property to change the border of an element to RGB 115, 186, 175 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, 186, 175) }
```

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

```
.border{ border-color:rgb(115, 186, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 186, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 186, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 186, 175); box-shadow:4px 4px 4px 4px rgb(115, 186, 175) }
```

Background

The CSS property to change the background color of an element to RGB 115, 186, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 186, 175) }
```

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

```
.background{ background-color: rgb(115,  
186, 175) }
```

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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