

Converting Colors

RGB(117, 185, 174)

Have a look what the booklet for
RGB(117, 185, 174) contains.

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Color

RGB(117, 185, 174)

Conversions

Conversions Part 1

Format	Color
Hex	75B9AE
RGB	117, 185, 174
RGB Percent	46%, 73%, 68%
CMY	0.5412, 0.2745, 0.3176
CMYK	0.37, 0.00, 0.06, 0.27
HSL	170°, 33%, 59%
HSV	170°, 37%, 73%
XYZ	32.3251, 41.5358, 46.3579
YIQ	163.4140, -36.9970, -17.8370

Conversions

Conversions Part 2

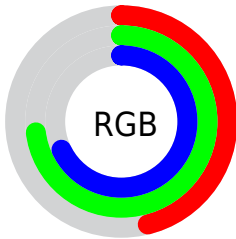
Format	Color
RYB	117, 154, 185
Decimal	7715246
CIELab	70.55, -24.05, -1.24
CIELCh	71, 24.081, 182.940
Yxy	41.5358, 0.2689, 0.3455
Android (android.graphics.Color)	4285905326 (0xFF75B9AE)
YUV	163.4140, 5.2189, -40.7051
Hunter-Lab	64.4483, -23.2550, 2.4663

Details

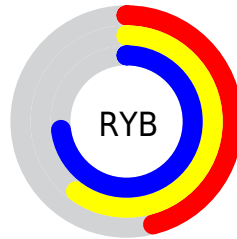
The RGB color **117, 185, 174** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **185, 117, 128**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **172, 241, 229**, and **64, 132, 122** is the 20% darker color. If you saturate the color by 10%, you get **99, 185, 171**, and if you desaturate by 10%, it is **136, 185, 177**.

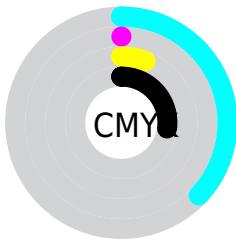
Distribution



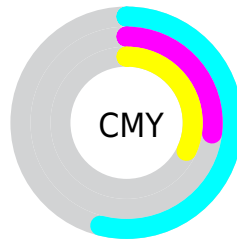
- Red (46%)
- Green (73%)
- Blue (68%)



- Red (46%)
- Yellow (60%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 185, 174 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 117, 185, 174 by changing the saturation by 10% instead.

 117, 185, 174


255, 255, 255


 172, 241, 229

 200, 255, 255


 229, 255, 255

 117, 185, 174


 90, 158, 147

 64, 132, 122

 36, 106, 97


 0, 82, 73


 0, 58, 51

 0, 36, 30

 0, 4, 5

 0, 0, 0

 117, 185, 174

 117, 185, 174

■ 99, 185, 171

■ 136, 185, 177

■ 80, 185, 168

■ 154, 185, 180

■ 61, 185, 165

■ 173, 185, 183

■ 43, 185, 162

■ 191, 185, 186

■ 24, 185, 159

■ 210, 185, 189

■ 6, 185, 156

■ 228, 185, 192

■ 0, 185, 155

■ 246, 185, 195

■ 255, 185, 198

■ 255, 185, 201

Harmonies

Analogous

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



138, 183, 152



117, 185, 174



109, 184, 196

Triad

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



117, 185, 174



179, 166, 209



206, 164, 134

Complementary

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



117, 185, 174



185, 117, 128

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.



216, 159, 150



117, 185, 174



203, 160, 193

Square

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



117, 185, 174



149, 174, 216



216, 157, 171



187, 172, 129

Rectangle

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



117, 185, 174



115, 182, 207



216, 157, 171



210, 162, 138

Sweetspot

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



117, 185, 174



213, 240, 235



128, 185, 117



104, 120, 117



247, 247, 247



120, 120, 120

Same Dimension

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



117, 185, 174



134, 240, 223



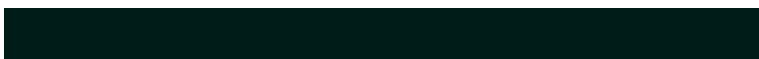
117, 162, 185



83, 92, 90



0, 156, 130



0, 28, 24

Inverse Universe

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



185, 117, 128



240, 134, 151



185, 140, 117



92, 83, 84



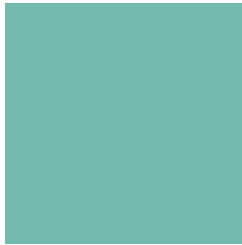
156, 0, 25



28, 0, 5

Previews

White Background



This preview shows how the RGB color 117, 185, 174 looks on a white background.

Color Contrast Check

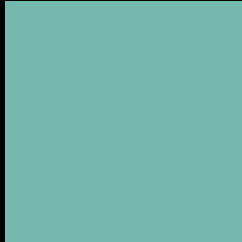
Large Text (above 18pt) WCAG AA × Fail

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 117, 185, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

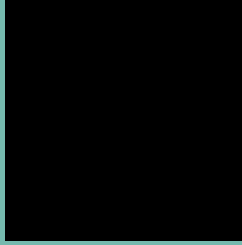
Any Text WCAG AA ✓ Pass

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 117, 185, 174 Background



This preview shows how black text looks on a background with the RGB color 117, 185, 174.

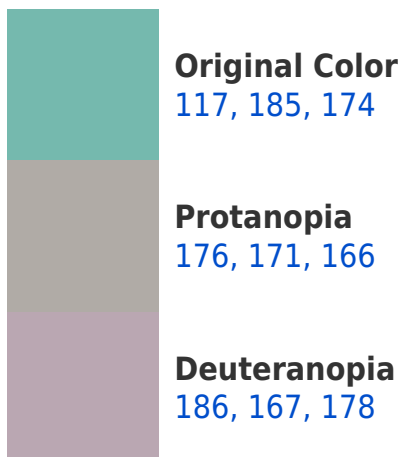


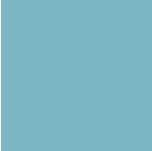
This preview shows how white text looks on a background with the RGB color 117, 185, 174.

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
123, 182, 196

Trichromacy



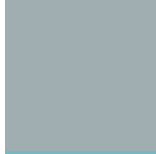
Original Color

117, 185, 174



Protanomaly

155, 176, 169



Deuteranomaly

161, 174, 177



Tritanomaly

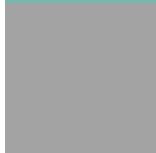
121, 183, 188

Monochromacy



Original Color

117, 185, 174



Achromatopsia

163, 163, 163



Achromatomaly

146, 171, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 185, 174 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(117, 185, 174)` looks like.

```
.text, #text, p{  
    color:rgb(117, 185, 174)  
}
```

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(117, 185, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 185, 174) }
```

Border

The CSS property to change the border of an element to RGB 117, 185, 174 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(117, 185, 174) }
```

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

```
.border{ border-color:rgb(117, 185, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 185, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 185, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 185, 174);  
box-shadow:4px 4px 4px 4px rgb(117, 185,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 117, 185, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 185, 174) }
```

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

```
.background{ background-color: rgb(117,  
185, 174) }
```

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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