Converting Colors

RGB(117, 192, 175)

Have a look what the booklet for RGB(117, 192, 175) contains.

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Color

RGB(117, 192, 175)

Conversions

Conversions Part 1

Format	Color
Hex	75C0AF
RGB	117, 192, 175
RGB Percent	46%, 75%, 69%
CMY	0.5412, 0.2471, 0.3137
CMYK	0.39, 0.00, 0.09, 0.25
HSL	166°, 37%, 61%
HSV	166°, 39%, 75%
XYZ	33.9236, 44.5763, 47.3736
YIQ	167.6370, -39.2430, -21.1870

Conversions

Conversions Part 2

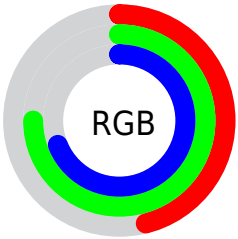
Format	Color
RYB	117, 159, 192
Decimal	7717039
CIELab	72.61, -27.28, 1.23
CIELCh	73, 27.306, 177.419
Yxy	44.5763, 0.2695, 0.3541
Android (android.graphics.Color)	4285907119 (0xFF75C0AF)
YUV	167.6370, 3.6300, -44.4086
Hunter-Lab	66.7655, -26.1436, 4.6665

Details

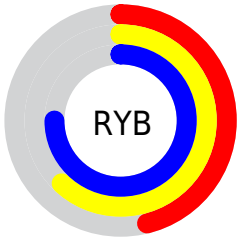
The RGB color 117, 192, 175 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 192, 117, 134, and the grayscale version is 168, 168, 168.

A 20% lighter version of the original color is 172, 249, 230, and 63, 138, 123 is the 20% darker color. If you saturate the color by 10%, you get 98, 192, 171, and if you desaturate by 10%, it is 136, 192, 179.

Distribution

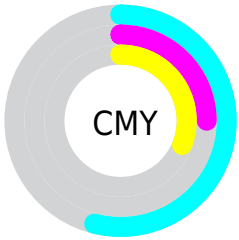


- Red (46%)
- Green (75%)
- Blue (69%)



- Red (46%)
- Yellow (62%)
- Blue (75%)

- Cyan (39%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 192, 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 117, 192, 175 by changing the saturation by 10% instead.

117, 192, 175	117, 192, 175
255, 255, 255	90, 165, 148
172, 249, 230	63, 138, 123
200, 255, 255	34, 112, 98
229, 255, 255	0, 88, 74
	0, 64, 52
	0, 41, 30
	0, 17, 6
	0, 0, 0

117, 192, 175	117, 192, 175

98, 192, 171

79, 192, 166

59, 192, 162

40, 192, 158

21, 192, 153

2, 192, 149

0, 192, 148

136, 192, 179

155, 192, 184

175, 192, 188

194, 192, 192

213, 192, 197

232, 192, 201

251, 192, 205

255, 192, 210

255, 192, 214

Harmonies

Analogous

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

143, 189, 151

117, 192, 175

103, 192, 200

Triad

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

117, 192, 175

179, 172, 222

218, 167, 137

Complementary

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

117, 192, 175

192, 117, 134

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.

228, 161, 156

117, 192, 175

208, 164, 205

Square

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

117, 192, 175

144, 181, 228

225, 160, 181

198, 176, 128

Rectangle

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

117, 192, 175

107, 189, 214

225, 160, 181

223, 165, 142

Sweetspot

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

117, 192, 175

220, 250, 243

135, 192, 117

107, 125, 121

252, 252, 252

125, 125, 125

Same Dimension

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

117, 192, 175

132, 250, 223

117, 172, 192

87, 97, 95

0, 161, 124

0, 33, 26

Inverse Universe

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

192, 117, 134

250, 132, 159

192, 137, 117

97, 87, 89

161, 0, 36

33, 0, 8

Previews

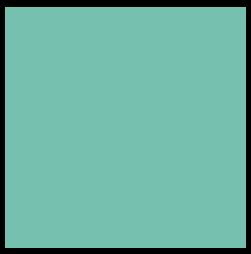
White Background

This preview shows how the RGB color 117, 192, 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



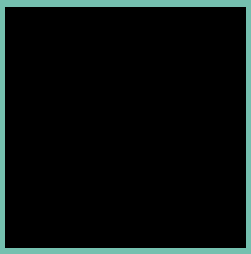
This preview shows how the RGB color 117, 192, 175 looks on a black background.

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 117, 192, 175 Background



This preview shows how black text looks on a background with the RGB color 117, 192, 175.

This preview shows how white text looks on a background with the RGB color 117, 192, 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

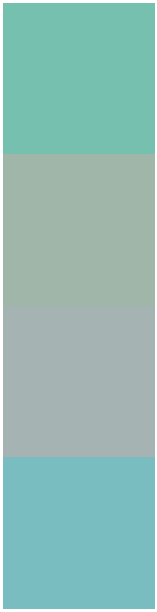
Original Color
117, 192, 175

Protanopia
183, 177, 166

Deuteranopia
193, 172, 179

Tritanopia
124, 188, 203

Trichromacy



Original Color
117, 192, 175

Protanomaly
159, 182, 169

Deuteranomaly
165, 179, 178

Tritanomaly
121, 189, 193

Monochromacy

Original Color
117, 192, 175

Achromatopsia
168, 168, 168

Achromatomaly
149, 177, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 192, 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(117, 192, 175) looks like.

```
.text, #text, p{
    color:rgb(117, 192, 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(117, 192, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 192, 175) }
```

Border

The CSS property to change the border of an element to RGB 117, 192, 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(117, 192, 175) }
```

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

```
.border{ border-color:rgb(117, 192, 175) }
```

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

Here you see how a box with a 4 pixel rgb(117, 192, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 192, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 192, 175); box-shadow:4px 4px 4px 4px rgb(117, 192, 175) }
```

Background

The CSS property to change the background color of an element to RGB 117, 192, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(117, 192, 175) }
```

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

```
.background{ background-color:rgb(117,
192, 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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