Converting Colors

RGB(117, 192, 193)

Have a look what the booklet for RGB(117, 192, 193) contains.

Color

RGB(117, 192, 193)

Conversions

Conversions Part 1

Format	Color
Hex	75C0C1
RGB	117, 192, 193
RGB Percent	46%, 75%, 76%
CMY	0.5412, 0.2471, 0.2431
CMYK	0.39, 0.01, 0.00, 0.24
HSL	181°, 38%, 61%
HSV	181°, 39%, 76%
XYZ	35.8114, 45.3314, 57.3145
YIQ	169.6890, -45.0210, -15.5890

Conversions

Conversions Part 2

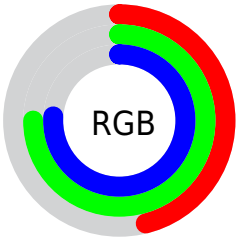
Format	Color
RYB	117, 155, 193
Decimal	7717057
CIELab	73.11, -22.96, -7.85
CIELCh	73, 24.266, 198.868
Yxy	45.3314, 0.2586, 0.3274
Android (android.graphics.Color)	4285907137 (0xFF75C0C1)
YUV	169.6890, 11.4923, -46.2083
Hunter-Lab	67.3286, -22.8828, -3.3414

Details

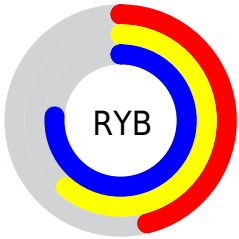
The RGB color 117, 192, 193 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 193, 118, 117, and the grayscale version is 170, 170, 170.

A 20% lighter version of the original color is 173, 249, 249, and 62, 138, 140 is the 20% darker color. If you saturate the color by 10%, you get 98, 192, 193, and if you desaturate by 10%, it is 136, 192, 193.

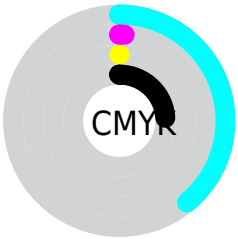
Distribution



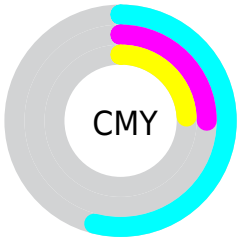
- Red (46%)
- Green (75%)
- Blue (76%)



- Red (46%)
- Yellow (61%)
- Blue (76%)



- Cyan (39%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (54%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 192, 193 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, 193 by changing the saturation by 10% instead.

117, 192, 193	117, 192, 193
255, 255, 255	90, 165, 166
173, 249, 249	62, 138, 140
201, 255, 255	31, 113, 114
230, 255, 255	0, 88, 90
	0, 64, 66
	0, 42, 44
	0, 20, 24
	0, 0, 0

117, 192, 193	117, 192, 193

98, 192, 193

78, 191, 193

59, 191, 193

40, 191, 193

21, 191, 193

1, 190, 193

0, 190, 193

136, 192, 193

156, 193, 193

175, 193, 193

194, 193, 193

213, 193, 193

233, 194, 193

252, 194, 193

255, 194, 193

255, 194, 193

Harmonies

Analogous

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

132, 192, 170

117, 192, 193

120, 189, 212

Triad

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

117, 192, 193

200, 169, 209

204, 175, 136

Complementary

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

117, 192, 193

193, 118, 117

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.

220, 168, 147

117, 192, 193

219, 164, 189

Square

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

117, 192, 193

172, 177, 221

225, 164, 166

181, 182, 137

Rectangle

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

117, 192, 193

133, 186, 220

225, 164, 166

210, 173, 139

Sweetspot

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

117, 192, 193

220, 250, 250

117, 193, 117

107, 125, 125

252, 252, 252

125, 125, 125

Same Dimension

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

117, 192, 193

132, 248, 250

117, 155, 193

87, 97, 97

0, 159, 161

0, 33, 33

Inverse Universe

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

193, 117, 192

250, 132, 248

193, 155, 117

97, 87, 97

161, 0, 159

33, 0, 33

Previews

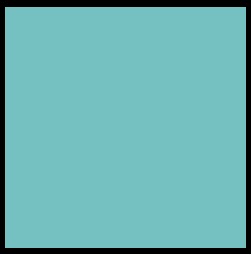
White Background

This preview shows how the RGB color 117, 192, 193 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



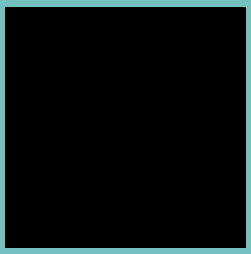
This preview shows how the RGB color 117, 192, 193 looks on a black background.

Color Contrast Check

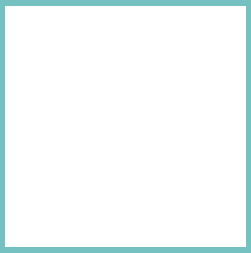
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 117, 192, 193 Background



This preview shows how black text looks on a background with the RGB color 117, 192, 193.



This preview shows how white text looks on a background with the RGB color 117, 192, 193.

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

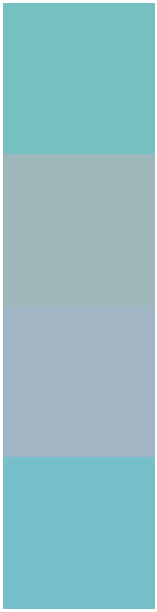
Original Color
117, 192, 193

Protanopia
180, 178, 184

Deuteranopia
188, 174, 197

Tritanopia
120, 190, 205

Trichromacy



Original Color
117, 192, 193

Protanomaly
157, 183, 187

Deuteranomaly
162, 181, 196

Tritanomaly
119, 191, 201

Monochromacy

Original Color
117, 192, 193

Achromatopsia
170, 170, 170

Achromatomaly
151, 178, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 192, 193 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, 193) looks like.

```
.text, #text, p{
    color:rgb(117, 192, 193)
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 192, 193) }
```

Border

The CSS property to change the border of an element to RGB 117, 192, 193 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, 193) }
```

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

```
.border{ border-color:rgb(117, 192, 193) }
```

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, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 192, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 192, 193); box-shadow:4px 4px 4px 4px rgb(117, 192, 193) }
```

Background

The CSS property to change the background color of an element to RGB 117, 192, 193 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, 193) }
```

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

```
.background{ background-color:rgb(117,
192, 193) }
```

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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