Converting Colors

RGB(116, 192, 204)

Have a look what the booklet for RGB(116, 192, 204) contains.

Color

RGB(116, 192, 204)

Conversions

Conversions Part 1

Format	Color
Hex	74C0CC
RGB	116, 192, 204
RGB Percent	45%, 75%, 80%
CMY	0.5451, 0.2471, 0.2000
CMYK	0.43, 0.06, 0.00, 0.20
HSL	188°, 46%, 63%
HSV	188°, 43%, 80%
XYZ	36.9512, 45.7719, 64.0141
YIQ	170.6440, -49.1480, -12.3800

Conversions

Conversions Part 2

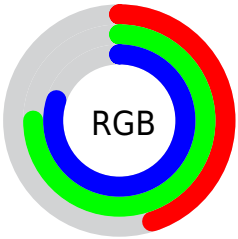
Format	Color
RYB	116, 157, 204
Decimal	7651532
CIELab	73.40, -20.41, -13.41
CIELCh	73, 24.424, 213.311
Yxy	45.7719, 0.2518, 0.3119
Android (android.graphics.Color)	4285841612 (0xFF74C0CC)
YUV	170.6440, 16.4445, -47.9228
Hunter-Lab	67.6549, -20.9046, -8.7408

Details

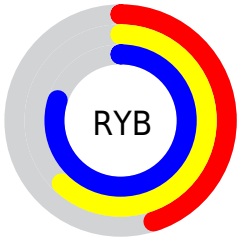
The RGB color 116, 192, 204 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 204, 128, 116, and the grayscale version is 171, 171, 171.

A 20% lighter version of the original color is 172, 249, 255, and 60, 138, 150 is the 20% darker color. If you saturate the color by 10%, you get 96, 189, 204, and if you desaturate by 10%, it is 136, 195, 204.

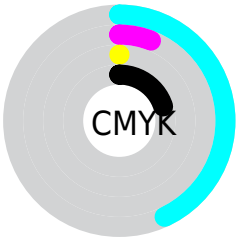
Distribution



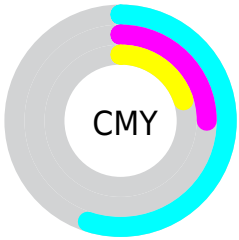
- Red (45%)
- Green (75%)
- Blue (80%)



- Red (45%)
- Yellow (62%)
- Blue (80%)



- Cyan (43%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (55%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 192, 204 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 116, 192, 204 by changing the saturation by 10% instead.

116, 192, 204

255, 255, 255

172, 249, 255

201, 255, 255

230, 255, 255

116, 192, 204

88, 165, 177

60, 138, 150

26, 113, 124

0, 88, 99

0, 64, 75

0, 42, 53

0, 21, 31

0, 0, 5

0, 0, 0

116, 192, 204

96, 189, 204

75, 186, 204

55, 184, 204

34, 181, 204

14, 178, 204

0, 176, 204

116, 192, 204

136, 195, 204

157, 198, 204

177, 200, 204

198, 203, 204

218, 206, 204

238, 209, 204

255, 211, 204

255, 214, 204

255, 217, 204

Harmonies

Analogous

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

123, 193, 182

116, 192, 204

129, 188, 220

Triad

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

116, 192, 204

211, 167, 201

194, 180, 136

Complementary

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

116, 192, 204

204, 128, 116

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.

214, 172, 141

116, 192, 204

225, 164, 179

Square

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

116, 192, 204

187, 174, 218

225, 166, 157

170, 186, 142

Rectangle

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

116, 192, 204

147, 184, 224

225, 166, 157

202, 177, 136

Sweetspot

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

116, 192, 204

222, 250, 255

116, 204, 128

107, 125, 128

0, 0, 0

128, 128, 128

Same Dimension

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

116, 192, 204

122, 237, 255

116, 148, 204

92, 101, 102

0, 143, 166

0, 33, 38

Inverse Universe

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

204, 116, 192

255, 122, 237

204, 172, 116

102, 92, 101

166, 0, 143

38, 0, 33

Previews

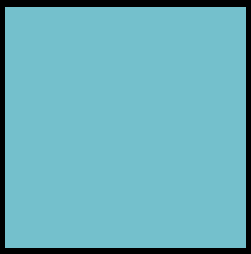
White Background

This preview shows how the RGB color 116, 192, 204 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



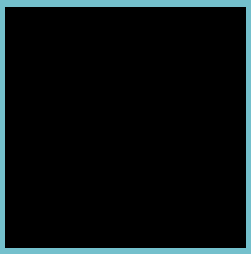
This preview shows how the RGB color 116, 192, 204 looks on a black background.

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 116, 192, 204 Background



This preview shows how black text looks on a background with the RGB color 116, 192, 204.

This preview shows how white text looks on a background with the RGB color 116, 192, 204.

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

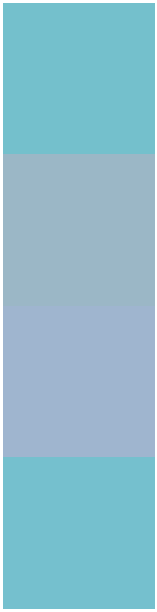
Original Color
116, 192, 204

Protanopia
178, 178, 195

Deuteranopia
183, 175, 208

Tritanopia
117, 192, 207

Trichromacy



Original Color
116, 192, 204

Protanomaly
155, 183, 198

Deuteranomaly
159, 181, 207

Tritanomaly
117, 192, 206

Monochromacy

Original Color
116, 192, 204

Achromatopsia
171, 171, 171

Achromatomaly
151, 179, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 192, 204 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(116, 192, 204) looks like.

```
.text, #text, p{
    color:rgb(116, 192, 204)
}
```

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(116, 192, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 192, 204) }
```

Border

The CSS property to change the border of an element to RGB 116, 192, 204 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(116, 192, 204) }
```

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

```
.border{ border-color:rgb(116, 192, 204) }
```

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

Here you see how a box with a 4 pixel rgb(116, 192, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 192, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 192, 204); box-shadow:4px 4px 4px 4px rgb(116, 192, 204) }
```

Background

The CSS property to change the background color of an element to RGB 116, 192, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(116, 192, 204) }
```

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

```
.background{ background-color:rgb(116,
192, 204) }
```

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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