Converting Colors

RGB(119, 190, 190)

Have a look what the booklet for RGB(119, 190, 190) contains.

Color

RGB(119, 190, 190)

Conversions

Conversions Part 1

Format	Color
Hex	77BEBE
RGB	119, 190, 190
RGB Percent	47%, 75%, 75%
CMY	0.5333, 0.2549, 0.2549
CMYK	0.37, 0.00, 0.00, 0.25
HSL	180°, 35%, 61%
HSV	180°, 37%, 75%
XYZ	35.3155, 44.4666, 55.4368
YIQ	168.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

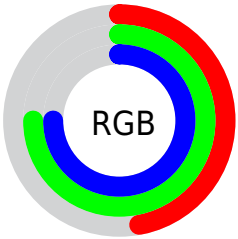
Format	Color
RYB	119, 155, 190
Decimal	7847614
CIELab	72.54, -22.18, -7.05
CIELCh	73, 23.272, 197.629
Yxy	44.4666, 0.2612, 0.3288
Android (android.graphics.Color)	4286037694 (0xFF77BEBE)
YUV	168.7710, 10.4659, -43.6492
Hunter-Lab	66.6832, -22.1620, -2.6122

Details

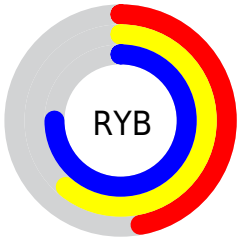
The RGB color 119, 190, 190 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 190, 119, 119, and the grayscale version is 169, 169, 169.

A 20% lighter version of the original color is 174, 247, 246, and 65, 136, 137 is the 20% darker color. If you saturate the color by 10%, you get 100, 190, 190, and if you desaturate by 10%, it is 138, 190, 190.

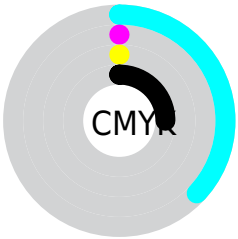
Distribution



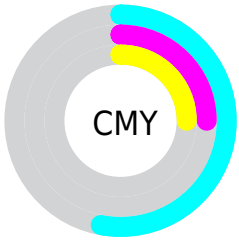
- Red (47%)
- Green (75%)
- Blue (75%)



- Red (47%)
- Yellow (61%)
- Blue (75%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 190, 190 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 119, 190, 190 by changing the saturation by 10% instead.

119, 190, 190	119, 190, 190
255, 255, 255	92, 163, 163
174, 247, 246	65, 136, 137
203, 255, 255	36, 111, 111
232, 255, 255	0, 86, 87
	0, 63, 64
	0, 40, 42
	0, 17, 22
	0, 0, 0

119, 190, 190	119, 190, 190

100, 190, 190

81, 190, 190

62, 190, 190

43, 190, 190

24, 190, 190

5, 190, 190

0, 190, 190

138, 190, 190

157, 190, 190

176, 190, 190

195, 190, 190

214, 190, 190

233, 190, 190

252, 190, 190

255, 190, 190

Harmonies

Analogous

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

134, 189, 168

119, 190, 190

121, 188, 209

Triad

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

119, 190, 190

197, 168, 207

202, 174, 137

Complementary

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

119, 190, 190

190, 119, 119

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.

217, 167, 147

119, 190, 190

215, 164, 188

Square

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

119, 190, 190

170, 176, 218

222, 163, 166

181, 181, 137

Rectangle

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

119, 190, 190

133, 185, 217

222, 163, 166

208, 171, 139

Sweetspot

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

119, 190, 190

220, 247, 247

119, 190, 119

109, 125, 125

252, 252, 252

125, 125, 125

Same Dimension

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

119, 190, 190

136, 247, 247

119, 155, 190

85, 94, 94

0, 158, 158

0, 31, 31

Inverse Universe

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

190, 119, 190

247, 136, 247

190, 155, 119

94, 85, 94

158, 0, 158

31, 0, 31

Previews

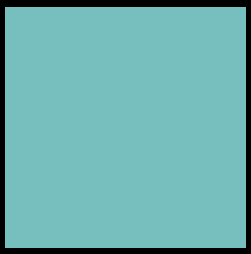
White Background

This preview shows how the RGB color 119, 190, 190 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



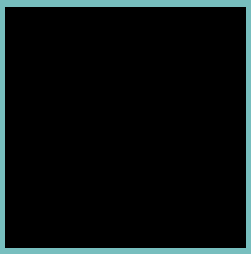
This preview shows how the RGB color 119, 190, 190 looks on a black background.

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 119, 190, 190 Background



This preview shows how black text looks on a background with the RGB color 119, 190, 190.

This preview shows how white text looks on a background with the RGB color 119, 190, 190.

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

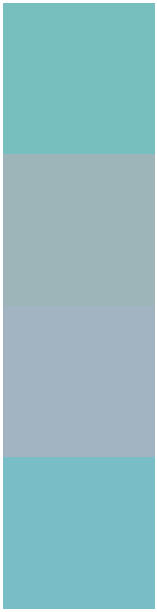
Original Color
119, 190, 190

Protanopia
179, 176, 182

Deuteranopia
187, 172, 194

Tritanopia
122, 188, 203

Trichromacy



Original Color
119, 190, 190

Protanomaly
157, 181, 185

Deuteranomaly
162, 179, 193

Tritanomaly
121, 189, 198

Monochromacy

Original Color
119, 190, 190

Achromatopsia
169, 169, 169

Achromatomaly
151, 177, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 190, 190 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(119, 190, 190) looks like.

```
.text, #text, p{
    color:rgb(119, 190, 190)
}
```

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(119, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 190, 190) }
```

Border

The CSS property to change the border of an element to RGB 119, 190, 190 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(119, 190, 190) }
```

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

```
.border{ border-color:rgb(119, 190, 190) }
```

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

Here you see how a box with a 4 pixel rgb(119, 190, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 190, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 190, 190); box-shadow:4px 4px 4px 4px rgb(119, 190, 190) }
```

Background

The CSS property to change the background color of an element to RGB 119, 190, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(119, 190, 190) }
```

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

```
.background{ background-color:rgb(119,
190, 190) }
```

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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