

Converting Colors

RGB(117, 177, 192)

Have a look what the booklet for
RGB(117, 177, 192) contains.

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Color

RGB(117, 177, 192)

Conversions

Conversions Part 1

Format	Color
Hex	75B1C0
RGB	117, 177, 192
RGB Percent	46%, 69%, 75%
CMY	0.5412, 0.3059, 0.2471
CMYK	0.39, 0.08, 0.00, 0.25
HSL	192°, 37%, 61%
HSV	192°, 39%, 75%
XYZ	32.5727, 39.0320, 55.6863
YIQ	160.7700, -40.5750, -8.0550

Conversions

Conversions Part 2

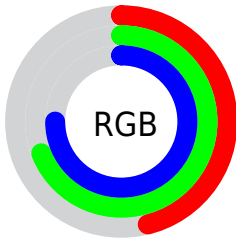
Format	Color
RYB	117, 150, 192
Decimal	7713216
CIELab	68.77, -15.51, -13.78
CIELCh	69, 20.745, 221.618
Yxy	39.0320, 0.2559, 0.3066
Android (android.graphics.Color)	4285903296 (0xFF75B1C0)
YUV	160.7700, 15.3964, -38.3863
Hunter-Lab	62.4756, -16.2683, -9.1140

Details

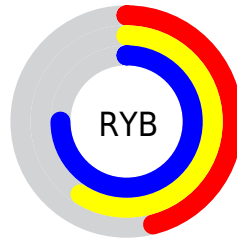
The RGB color **117, 177, 192** is a light color, and the websafe version is hex **669999**. A complement of this color would be **192, 132, 117**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **172, 233, 248**, and **63, 124, 139** is the 20% darker color. If you saturate the color by 10%, you get **98, 173, 192**, and if you desaturate by 10%, it is **136, 181, 192**.

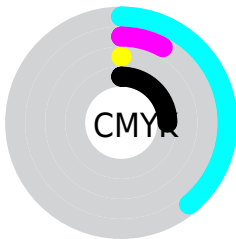
Distribution



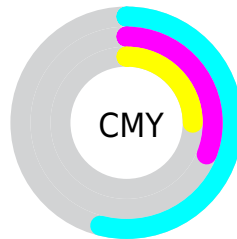
- Red (46%)
- Green (69%)
- Blue (75%)



- Red (46%)
- Yellow (59%)
- Blue (75%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 177, 192 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, 177, 192 by changing the saturation by 10% instead.

 117, 177, 192


255, 255, 255


 172, 233, 248

 200, 255, 255

 229, 255, 255

 117, 177, 192

 90, 150, 165


 63, 124, 139

 35, 99, 113

 0, 75, 89

 0, 52, 65

 0, 31, 43

 0, 1, 23

 0, 0, 0

 117, 177, 192

 117, 177, 192

■ 98, 173, 192

■ 136, 181, 192

■ 79, 169, 192

■ 155, 185, 192

■ 59, 165, 192

■ 175, 189, 192

■ 40, 162, 192

■ 194, 192, 192

■ 21, 158, 192

■ 213, 196, 192

■ 2, 154, 192

■ 232, 200, 192

■ 0, 154, 192

■ 251, 204, 192

■ 255, 208, 192

■ 255, 212, 192

Harmonies

Analogous

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



118, 179, 175



117, 177, 192



132, 173, 203

Triad

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



117, 177, 192



198, 156, 180



175, 169, 131

Complementary

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



117, 177, 192



192, 132, 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.



193, 163, 133



117, 177, 192



206, 155, 161

Square

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



117, 177, 192



180, 161, 196



204, 157, 144



153, 174, 139

Rectangle

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



117, 177, 192



147, 169, 205



204, 157, 144



181, 167, 130

Sweetspot

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



117, 177, 192



220, 244, 250



117, 192, 132



107, 121, 125



252, 252, 252



125, 125, 125

Same Dimension

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



117, 177, 192



132, 226, 250



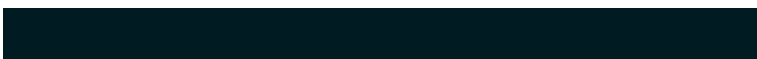
117, 139, 192



87, 95, 97



0, 129, 161



0, 27, 33

Inverse Universe

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



192, 117, 177



250, 132, 226



192, 170, 117



97, 87, 95



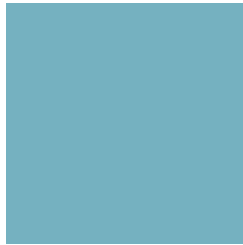
161, 0, 129



33, 0, 27

Previews

White Background



This preview shows how the RGB color 117, 177, 192 looks on a white background.

Color Contrast Check

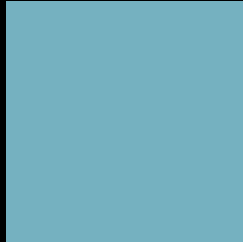
Large Text (above 18pt) WCAG AA × Fail

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, 177, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

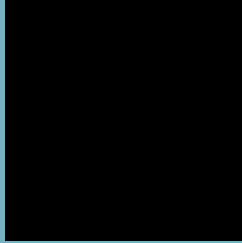
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

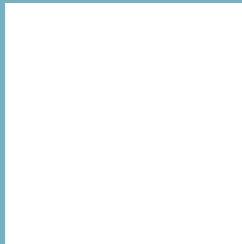
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 117, 177, 192 Background



This preview shows how black text looks on a background with the RGB color 117, 177, 192.

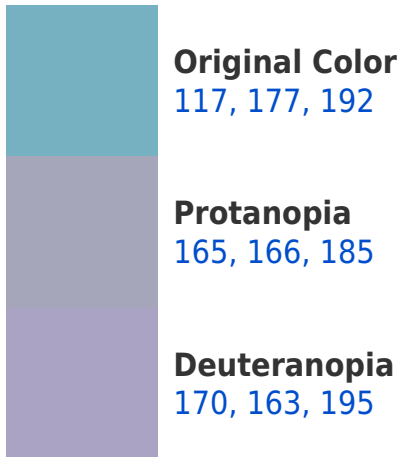


This preview shows how white text looks on a background with the RGB color 117, 177, 192.

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
117, 177, 191

Trichromacy



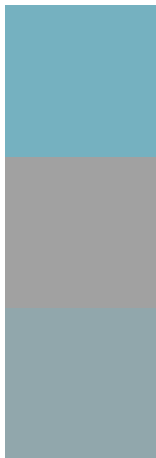
Original Color
117, 177, 192

Protanomaly
148, 170, 188

Deuteranomaly
151, 168, 194

Tritanomaly
117, 177, 191

Monochromacy



Original Color
117, 177, 192

Achromatopsia
161, 161, 161

Achromatomaly
145, 167, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 177, 192 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, 177, 192)` looks like.

```
.text, #text, p{  
    color:rgb(117, 177, 192)  
}
```

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, 177, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 177, 192) }
```

Border

The CSS property to change the border of an element to RGB 117, 177, 192 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, 177, 192) }
```

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

```
.border{ border-color:rgb(117, 177, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 177, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 177, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 177, 192);  
box-shadow:4px 4px 4px 4px rgb(117, 177,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 117, 177, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 177, 192) }
```

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

```
.background{ background-color: rgb(117,  
177, 192) }
```

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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