

Converting Colors

RGB(133, 177, 162)

Have a look what the booklet for
RGB(133, 177, 162) contains.

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Color

RGB(133, 177, 162)

Conversions

Conversions Part 1

Format	Color
Hex	85B1A2
RGB	133, 177, 162
RGB Percent	52%, 69%, 64%
CMY	0.4784, 0.3059, 0.3647
CMYK	0.25, 0.00, 0.08, 0.31
HSL	160°, 22%, 61%
HSV	160°, 25%, 69%
XYZ	31.9166, 39.0395, 40.0356
YIQ	162.1340, -21.4090, -13.9930

Conversions

Conversions Part 2

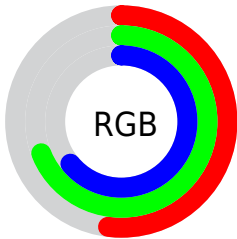
Format	Color
RYB	133, 160, 177
Decimal	8761762
CIELab	68.78, -17.90, 2.89
CIELCh	69, 18.129, 170.827
Yxy	39.0395, 0.2876, 0.3517
Android (android.graphics.Color)	4286951842 (0xFF85B1A2)
YUV	162.1340, -0.0661, -25.5505
Hunter-Lab	62.4816, -18.1621, 5.7465

Details

The RGB color **133, 177, 162** is a light color, and the websafe version is hex **669999**. A complement of this color would be **177, 133, 148**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **187, 233, 217**, and **82, 124, 110** is the 20% darker color. If you saturate the color by 10%, you get **115, 177, 156**, and if you desaturate by 10%, it is **151, 177, 168**.

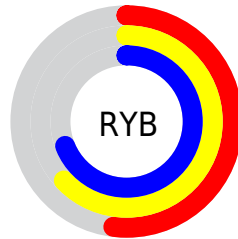
Distribution



Red (52%)

Green (69%)

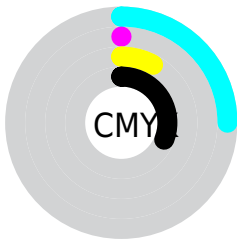
Blue (64%)



Red (52%)

Yellow (63%)

Blue (69%)

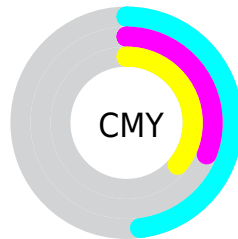


Cyan (25%)

Magenta (0%)

Yellow (8%)

Black (31%)



Cyan (48%)

Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 177, 162 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 133, 177, 162 by changing the saturation by 10% instead.

 133, 177, 162


255, 255, 255


 187, 233, 217

 215, 255, 245

 244, 255, 255

 133, 177, 162

 107, 150, 136

 82, 124, 110

 58, 99, 86

 34, 75, 63

 9, 52, 41


 0, 31, 21

 0, 0, 0

 133, 177, 162

 115, 177, 156

 133, 177, 162

 151, 177, 168

■ 98, 177, 150

■ 168, 177, 174

■ 80, 177, 144

■ 186, 177, 180

■ 62, 177, 138

■ 204, 177, 186

■ 45, 177, 132

■ 222, 177, 192

■ 27, 177, 126

■ 239, 177, 198

■ 9, 177, 120

■ 255, 177, 204

■ 0, 177, 117

■ 255, 177, 210

■ 255, 177, 216

Harmonies

Analogous

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



150, 175, 147



133, 177, 162



124, 177, 179

Triad

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



133, 177, 162



164, 165, 198



198, 160, 143

Complementary

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



133, 177, 162



177, 133, 148

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.



202, 157, 157



133, 177, 162



184, 160, 189

Square

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



133, 177, 162



143, 171, 200



198, 157, 174



185, 165, 136

Rectangle

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



133, 177, 162



125, 176, 189



198, 157, 174



200, 159, 147

Sweetspot

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



133, 177, 162



213, 230, 224



148, 177, 133



106, 115, 112



242, 242, 242



115, 115, 115

Same Dimension

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



133, 177, 162



161, 230, 206



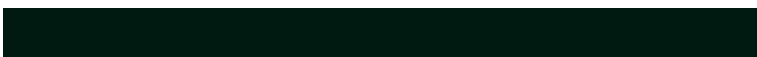
133, 170, 177



80, 89, 86



0, 153, 101



0, 26, 17

Inverse Universe

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



177, 133, 148



230, 161, 184



177, 140, 133



89, 80, 83



153, 0, 52



26, 0, 9

Previews

White Background



This preview shows how the RGB color 133, 177, 162 looks on a white background.

Color Contrast Check

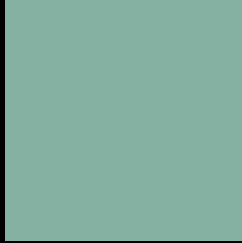
Large Text (above 18pt) WCAG AA × Fail

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 133, 177, 162 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 133, 177, 162 Background



This preview shows how black text looks on a background with the RGB color 133, 177, 162.

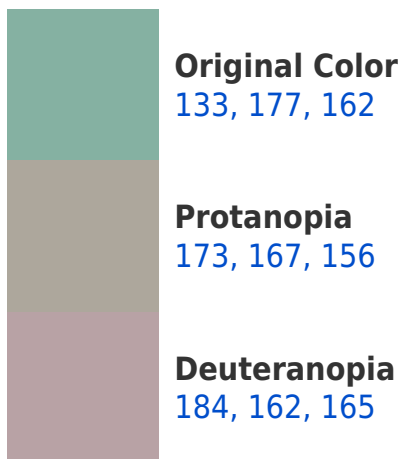


This preview shows how white text looks on a background with the RGB color 133, 177, 162.

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
138, 173, 187

Trichromacy



Original Color
133, 177, 162

Protanomaly
158, 171, 158

Deuteranomaly
165, 167, 164

Tritanomaly
136, 174, 178

Monochromacy



Original Color
133, 177, 162

Achromatopsia
162, 162, 162

Achromatomaly
151, 167, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 177, 162 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(133, 177, 162)` looks like.

```
.text, #text, p{  
    color:rgb(133, 177, 162)  
}
```

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(133, 177, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 177, 162) }
```

Border

The CSS property to change the border of an element to RGB 133, 177, 162 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(133, 177, 162) }
```

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

```
.border{ border-color:rgb(133, 177, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 177, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 177, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 177, 162);  
box-shadow:4px 4px 4px 4px rgb(133, 177,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 133, 177, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 177, 162) }
```

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

```
.background{ background-color: rgb(133,  
177, 162) }
```

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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