

Converting Colors

RGB(133, 172, 183)

Have a look what the booklet for
RGB(133, 172, 183) contains.

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Color

RGB(133, 172, 183)

Conversions

Conversions Part 1

Format	Color
Hex	85ACB7
RGB	133, 172, 183
RGB Percent	52%, 67%, 72%
CMY	0.4784, 0.3255, 0.2824
CMYK	0.27, 0.06, 0.00, 0.28
HSL	193°, 26%, 62%
HSV	193°, 27%, 72%
XYZ	32.9726, 37.9105, 50.3794
YIQ	161.5930, -26.7750, -4.8470

Conversions

Conversions Part 2

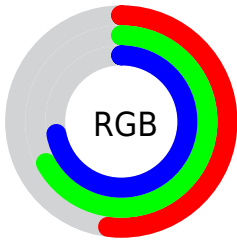
Format	Color
RYB	133, 155, 183
Decimal	8760503
CIELab	67.95, -10.55, -9.94
CIELCh	68, 14.494, 223.299
Yxy	37.9105, 0.2719, 0.3126
Android (android.graphics.Color)	4286950583 (0xFF85ACB7)
YUV	161.5930, 10.5537, -25.0761
Hunter-Lab	61.5715, -12.1602, -5.4125

Details

The RGB color **133, 172, 183** is a light color, and the websafe version is hex **669999**. A complement of this color would be **183, 144, 133**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **187, 227, 239**, and **82, 120, 130** is the 20% darker color. If you saturate the color by 10%, you get **115, 168, 183**, and if you desaturate by 10%, it is **151, 176, 183**.

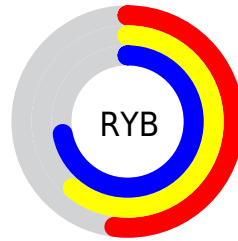
Distribution



Red (52%)

Green (67%)

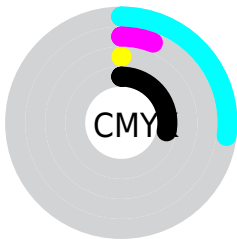
Blue (72%)



Red (52%)

Yellow (61%)

Blue (72%)

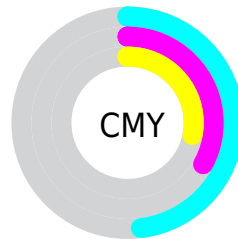


Cyan (27%)

Magenta (6%)

Yellow (0%)

Black (28%)



Cyan (48%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 172, 183 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, 172, 183 by changing the saturation by 10% instead.

 133, 172, 183


255, 255, 255


 187, 227, 239

 215, 255, 255

 244, 255, 255

 133, 172, 183

 107, 145, 156

 82, 120, 130

 57, 95, 105

 32, 71, 81

 5, 49, 58

 0, 28, 36

 0, 1, 15

 0, 0, 0

 133, 172, 183

 133, 172, 183

■ 115, 168, 183

■ 151, 176, 183

■ 96, 164, 183

■ 170, 180, 183

■ 78, 160, 183

■ 188, 184, 183

■ 60, 156, 183

■ 206, 188, 183

■ 42, 152, 183

■ 225, 192, 183

■ 23, 148, 183

■ 243, 196, 183

■ 5, 144, 183

■ 255, 200, 183

■ 0, 143, 183

■ 255, 204, 183

■ 255, 208, 183

Harmonies

Analogous

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



133, 173, 171



133, 172, 183



143, 169, 190

Triad

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



133, 172, 183



188, 157, 173



170, 167, 140

Complementary

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



133, 172, 183



183, 144, 133

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.



183, 162, 141



133, 172, 183



193, 157, 160

Square

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



133, 172, 183



175, 160, 185



191, 159, 148



155, 170, 146

Rectangle

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



133, 172, 183



153, 166, 191



191, 159, 148



175, 165, 140

Sweetspot

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



133, 172, 183



218, 233, 237



133, 183, 144



108, 117, 120



247, 247, 247



120, 120, 120

Same Dimension

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



133, 172, 183



159, 220, 237



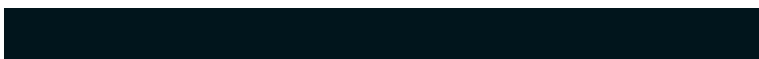
133, 147, 183



83, 90, 92



0, 121, 156



0, 22, 28

Inverse Universe

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



183, 133, 172



237, 159, 220



183, 169, 133



92, 83, 90



156, 0, 121



28, 0, 22

Previews

White Background



This preview shows how the RGB color 133, 172, 183 looks on a white background.

Color Contrast Check

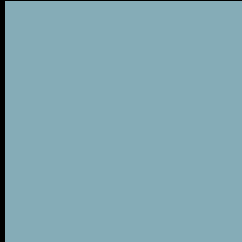
Large Text (above 18pt) WCAG AA × Fail

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, 172, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

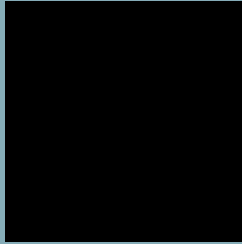
Any Text WCAG AA ✓ Pass

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, 172, 183 Background



This preview shows how black text looks on a background with the RGB color 133, 172, 183.

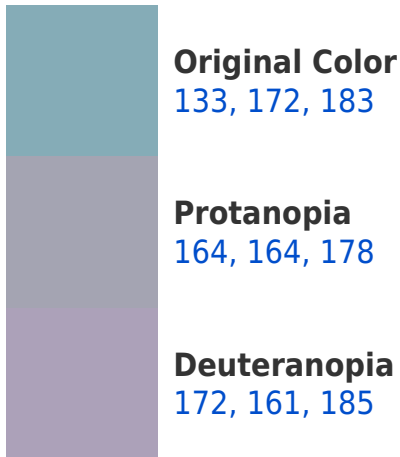


This preview shows how white text looks on a background with the RGB color 133, 172, 183.

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
134, 172, 185

Trichromacy



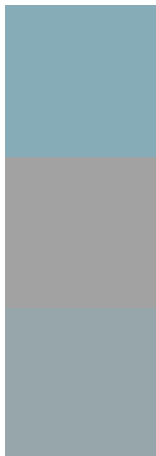
Original Color
133, 172, 183

Protanomaly
153, 167, 180

Deuteranomaly
158, 165, 184

Tritanomaly
134, 172, 184

Monochromacy



Original Color
133, 172, 183

Achromatopsia
162, 162, 162

Achromatomaly
151, 166, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 172, 183 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, 172, 183)` looks like.

```
.text, #text, p{  
    color:rgb(133, 172, 183)  
}
```

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, 172, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 172, 183) }
```

Border

The CSS property to change the border of an element to RGB 133, 172, 183 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, 172, 183) }
```

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

```
.border{ border-color:rgb(133, 172, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 172, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 172, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 172, 183);  
box-shadow:4px 4px 4px 4px rgb(133, 172,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 133, 172, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 172, 183) }
```

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

```
.background{ background-color: rgb(133,  
172, 183) }
```

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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