

Converting Colors

RGB(133, 178, 174)

Have a look what the booklet for
RGB(133, 178, 174) contains.

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Color

RGB(133, 178, 174)

Conversions

Conversions Part 1

Format	Color
Hex	85B2AE
RGB	133, 178, 174
RGB Percent	52%, 70%, 68%
CMY	0.4784, 0.3020, 0.3176
CMYK	0.25, 0.00, 0.02, 0.30
HSL	175°, 23%, 61%
HSV	175°, 25%, 70%
XYZ	33.2332, 39.8833, 45.9911
YIQ	164.0890, -25.5360, -10.7840

Conversions

Conversions Part 2

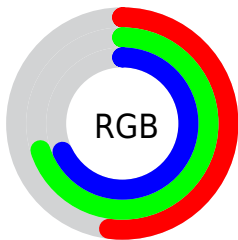
Format	Color
RYB	133, 157, 178
Decimal	8762030
CIELab	69.39, -15.80, -2.84
CIELCh	69, 16.051, 190.203
Yxy	39.8833, 0.2790, 0.3349
Android (android.graphics.Color)	4286952110 (0xFF85B2AE)
YUV	164.0890, 4.8861, -27.2651
Hunter-Lab	63.1532, -16.5858, 1.0296

Details

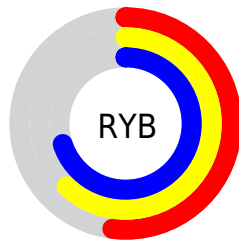
The RGB color **133, 178, 174** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **178, 133, 137**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **187, 234, 229**, and **82, 125, 122** is the 20% darker color. If you saturate the color by 10%, you get **115, 178, 172**, and if you desaturate by 10%, it is **151, 178, 176**.

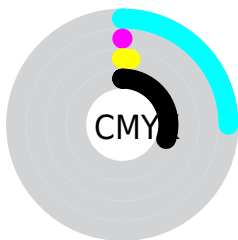
Distribution



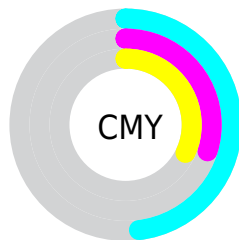
- Red (52%)
- Green (70%)
- Blue (68%)



- Red (52%)
- Yellow (62%)
- Blue (70%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (48%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 178, 174 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, 178, 174 by changing the saturation by 10% instead.

 133, 178, 174

255, 255, 255


 187, 234, 229


 215, 255, 255


 244, 255, 255

 133, 178, 174

 107, 151, 147

 82, 125, 122

 57, 100, 97

 33, 76, 73

 6, 53, 51

 0, 32, 30

 0, 0, 4

 0, 0, 0

 133, 178, 174

 133, 178, 174

■ 115, 178, 172

■ 151, 178, 176

■ 97, 178, 171

■ 169, 178, 177

■ 80, 178, 169

■ 186, 178, 179

■ 62, 178, 168

■ 204, 178, 180

■ 44, 178, 166

■ 222, 178, 182

■ 26, 178, 165

■ 240, 178, 183

■ 8, 178, 163

■ 255, 178, 185

■ 0, 178, 162

■ 255, 178, 187

■ 255, 178, 188

Harmonies

Analogous

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



144, 177, 159



133, 178, 174



132, 177, 188

Triad

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



133, 178, 174



178, 164, 192



190, 165, 142

Complementary

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



133, 178, 174



178, 133, 137

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.



199, 161, 151



133, 178, 174



193, 160, 180

Square

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



133, 178, 174



160, 169, 198



200, 159, 165



176, 170, 141

Rectangle

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



133, 178, 174



138, 175, 194



200, 159, 165



193, 164, 145

Sweetspot

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



133, 178, 174



213, 232, 230



138, 178, 133



106, 117, 116



245, 245, 245



117, 117, 117

Same Dimension

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



133, 178, 174



162, 232, 226



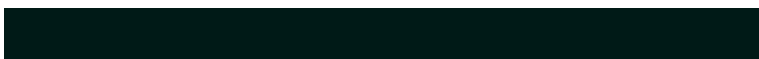
133, 160, 178



80, 89, 88



0, 153, 139



0, 26, 23

Inverse Universe

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



178, 133, 137



232, 162, 169



178, 151, 133



89, 80, 81



153, 0, 14



26, 0, 2

Previews

White Background



This preview shows how the RGB color 133, 178, 174 looks on a white background.

Color Contrast Check

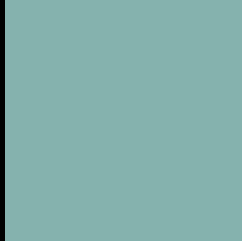
Large Text (above 18pt) WCAG AA × Fail

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, 178, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

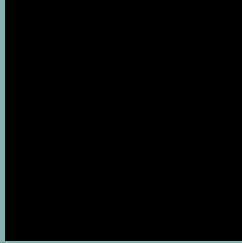
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

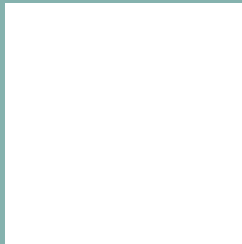
Any Text WCAG AAA ✓ Pass

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

RGB 133, 178, 174 Background



This preview shows how black text looks on a background with the RGB color 133, 178, 174.

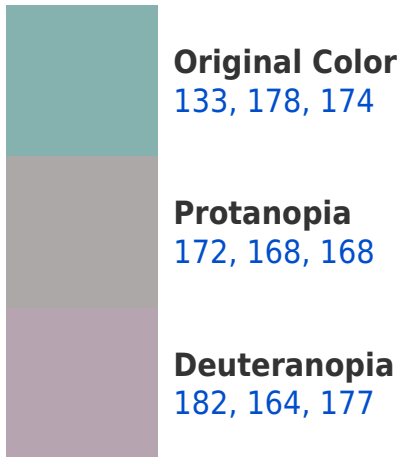


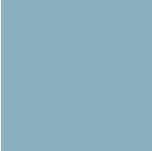
This preview shows how white text looks on a background with the RGB color 133, 178, 174.

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](#).

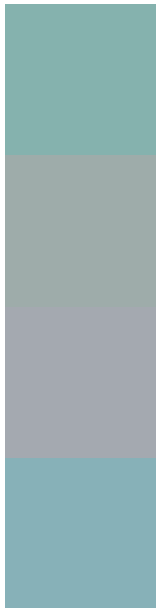
Dichromacy





Tritanopia
136, 176, 190

Trichromacy



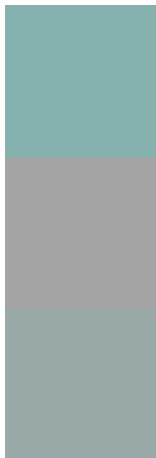
Original Color
133, 178, 174

Protanomaly
158, 172, 170

Deuteranomaly
164, 169, 176

Tritanomaly
135, 177, 184

Monochromacy



Original Color
133, 178, 174

Achromatopsia
164, 164, 164

Achromatomaly
153, 169, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 178, 174 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, 178, 174)` looks like.

```
.text, #text, p{  
    color:rgb(133, 178, 174)  
}
```

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, 178, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 178, 174) }
```

Border

The CSS property to change the border of an element to RGB 133, 178, 174 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, 178, 174) }
```

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

```
.border{ border-color:rgb(133, 178, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 178, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 178, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 178, 174);  
box-shadow:4px 4px 4px 4px rgb(133, 178,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 133, 178, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 178, 174) }
```

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

```
.background{ background-color: rgb(133,  
178, 174) }
```

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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