

Converting Colors

RGB(133, 179, 170)

Have a look what the booklet for
RGB(133, 179, 170) contains.

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Color

RGB(133, 179, 170)

Conversions

Conversions Part 1

Format	Color
Hex	85B3AA
RGB	133, 179, 170
RGB Percent	52%, 70%, 67%
CMY	0.4784, 0.2980, 0.3333
CMYK	0.26, 0.00, 0.05, 0.30
HSL	168°, 23%, 61%
HSV	168°, 26%, 70%
XYZ	33.0487, 40.1290, 44.0340
YIQ	164.2200, -24.5270, -12.5510

Conversions

Conversions Part 2

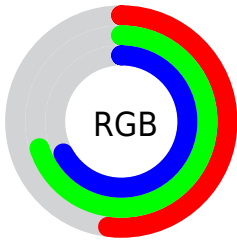
Format	Color
RYB	133, 158, 179
Decimal	8762282
CIELab	69.56, -17.20, -0.38
CIELCh	70, 17.209, 181.272
Yxy	40.1290, 0.2820, 0.3424
Android (android.graphics.Color)	4286952362 (0xFF85B3AA)
YUV	164.2200, 2.8495, -27.3799
Hunter-Lab	63.3475, -17.7338, 3.1296

Details

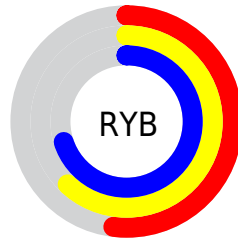
The RGB color **133, 179, 170** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **179, 133, 142**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **187, 235, 225**, and **82, 126, 118** is the 20% darker color. If you saturate the color by 10%, you get **115, 179, 166**, and if you desaturate by 10%, it is **151, 179, 174**.

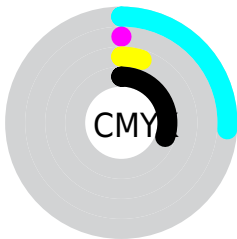
Distribution



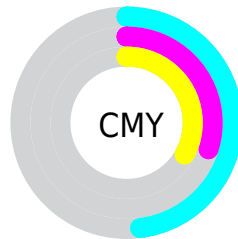
- Red (52%)
- Green (70%)
- Blue (67%)



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



- Cyan (26%)
- Magenta (0%)
- Yellow (5%)
- Black (30%)



- Cyan (48%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 179, 170 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, 179, 170 by changing the saturation by 10% instead.

 133, 179, 170

255, 255, 255


 187, 235, 225


 215, 255, 254


 244, 255, 255

 133, 179, 170


 107, 152, 144

 82, 126, 118

 57, 101, 93

 33, 77, 70

 6, 54, 47


 0, 33, 27

 0, 0, 0

 133, 179, 170

 115, 179, 166

 133, 179, 170

 151, 179, 174

■ 97, 179, 163

■ 169, 179, 177

■ 79, 179, 159

■ 187, 179, 181

■ 61, 179, 156

■ 205, 179, 184

■ 44, 179, 152

■ 223, 179, 188

■ 26, 179, 149

■ 240, 179, 191

■ 8, 179, 145

■ 255, 179, 195

■ 0, 179, 144

■ 255, 179, 198

■ 255, 179, 202

Harmonies

Analogous

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



147, 177, 154



133, 179, 170



128, 178, 185

Triad

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



133, 179, 170



174, 166, 197



195, 164, 143

Complementary

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



133, 179, 170



179, 133, 142

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, 160, 154



133, 179, 170



191, 161, 185

Square

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



133, 179, 170



153, 171, 201



201, 159, 170



182, 169, 139

Rectangle

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



133, 179, 170



132, 177, 194



201, 159, 170



198, 162, 146

Sweetspot

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



133, 179, 170



213, 232, 228



142, 179, 133



106, 117, 115



245, 245, 245



117, 117, 117

Same Dimension

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



133, 179, 170



160, 232, 218



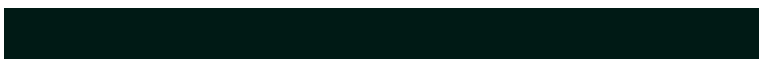
133, 165, 179



80, 89, 88



0, 153, 123



0, 26, 21

Inverse Universe

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



179, 133, 142



232, 160, 174



179, 147, 133



89, 80, 82



153, 0, 30



26, 0, 5

Previews

White Background



This preview shows how the RGB color 133, 179, 170 looks on a white background.

Color Contrast Check

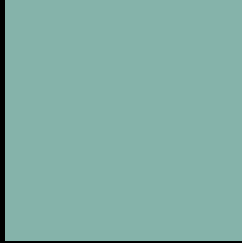
Large Text (above 18pt) WCAG AA × Fail

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, 179, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

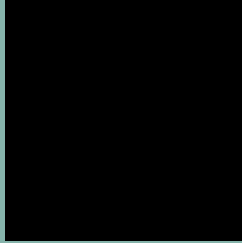
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

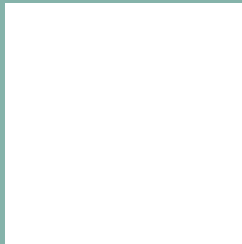
Any Text WCAG AAA ✓ Pass

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

RGB 133, 179, 170 Background



This preview shows how black text looks on a background with the RGB color 133, 179, 170.

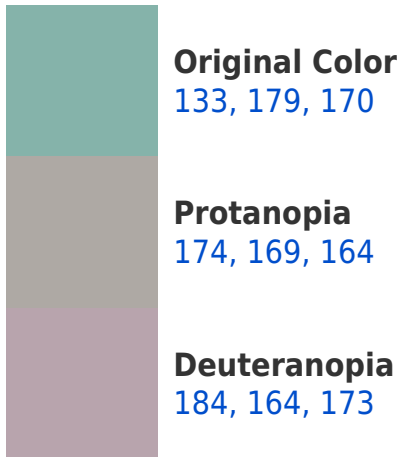


This preview shows how white text looks on a background with the RGB color 133, 179, 170.

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](#).

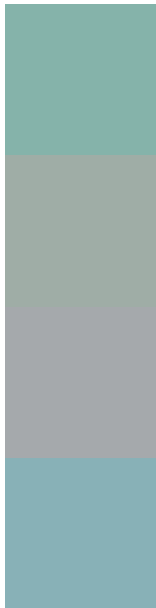
Dichromacy





Tritanopia
137, 176, 190

Trichromacy



Original Color
133, 179, 170

Protanomaly
159, 173, 166

Deuteranomaly
165, 169, 172

Tritanomaly
136, 177, 183

Monochromacy



Original Color
133, 179, 170

Achromatopsia
164, 164, 164

Achromatomaly
153, 169, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 179, 170 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, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(133, 179, 170)  
}
```

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, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 179, 170) }
```

Border

The CSS property to change the border of an element to RGB 133, 179, 170 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, 179, 170) }
```

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

```
.border{ border-color:rgb(133, 179, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 179, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(133, 179,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 133, 179, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 179, 170) }
```

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

```
.background{ background-color: rgb(133,  
179, 170) }
```

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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