

Converting Colors

RGB(135, 194, 176)

Have a look what the booklet for
RGB(135, 194, 176) contains.

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Color

RGB(135, 194, 176)

Conversions

Conversions Part 1

Format	Color
Hex	87C2B0
RGB	135, 194, 176
RGB Percent	53%, 76%, 69%
CMY	0.4706, 0.2392, 0.3098
CMYK	0.30, 0.00, 0.09, 0.24
HSL	162°, 33%, 65%
HSV	162°, 30%, 76%
XYZ	37.1199, 46.8691, 48.1645
YIQ	174.3070, -29.3860, -18.1060

Conversions

Conversions Part 2

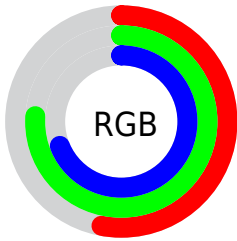
Format	Color
RYB	135, 170, 194
Decimal	8897200
CIELab	74.11, -22.91, 2.97
CIElCh	74, 23.102, 172.622
Yxy	46.8691, 0.2809, 0.3547
Android (android.graphics.Color)	4287087280 (0xFF87C2B0)
YUV	174.3070, 0.8346, -34.4722
Hunter-Lab	68.4610, -23.0230, 6.2103

Details

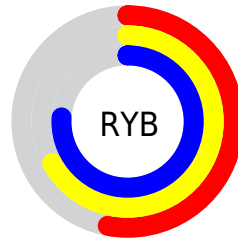
The RGB color **135, 194, 176** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **194, 135, 153**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **190, 251, 232**, and **83, 140, 124** is the 20% darker color. If you saturate the color by 10%, you get **116, 194, 170**, and if you desaturate by 10%, it is **154, 194, 182**.

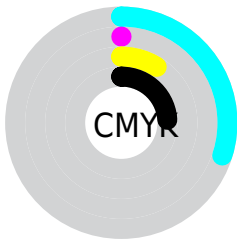
Distribution



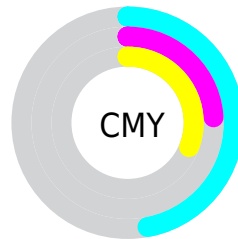
- Red (53%)
- Green (76%)
- Blue (69%)



- Red (53%)
- Yellow (67%)
- Blue (76%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)




- Cyan (47%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 194, 176 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 135, 194, 176 by changing the saturation by 10% instead.

 135, 194, 176

255, 255, 255


 190, 251, 232


 218, 255, 255


 247, 255, 255

 135, 194, 176

 109, 167, 149

 83, 140, 124

 57, 114, 99

 31, 90, 75


 0, 66, 52

 0, 43, 31

 0, 23, 7


 0, 0, 0


 135, 194, 176


 135, 194, 176

 116, 194, 170


 154, 194, 182

 96, 194, 164


 174, 194, 188


 77, 194, 158


 193, 194, 194


 57, 194, 152

 213, 194, 200

 38, 194, 146

 232, 194, 206

 19, 194, 140

 251, 194, 212

 0, 194, 135

 255, 194, 217

 255, 194, 223

 255, 194, 229

Harmonies

Analogous

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



157, 191, 156



135, 194, 176



123, 194, 198

Triad

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



135, 194, 176



179, 179, 221



219, 172, 149

Complementary

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



135, 194, 176



194, 135, 153

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.



226, 168, 167



135, 194, 176



205, 172, 208

Square

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



135, 194, 176



150, 186, 224



221, 167, 188



203, 179, 140

Rectangle

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



135, 194, 176



124, 192, 210



221, 167, 188



223, 170, 154

Sweetspot

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



135, 194, 176



230, 252, 246



154, 194, 135



113, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



135, 194, 176



162, 252, 225



135, 183, 194



87, 97, 94



0, 161, 112



0, 33, 23

Inverse Universe

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



194, 135, 153



252, 162, 189



194, 146, 135



97, 87, 90



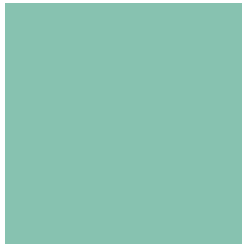
161, 0, 49



33, 0, 10

Previews

White Background



This preview shows how the RGB color 135, 194, 176 looks on a white background.

Color Contrast Check

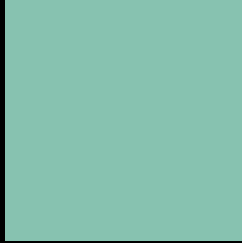
Large Text (above 18pt) WCAG AA × Fail

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 135, 194, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

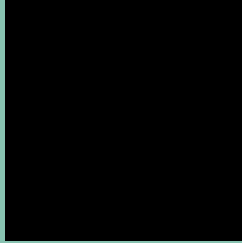
Any Text WCAG AA ✓ Pass

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 135, 194, 176 Background



This preview shows how black text looks on a background with the RGB color 135, 194, 176.

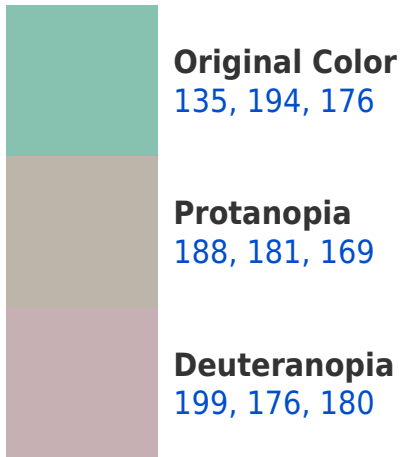


This preview shows how white text looks on a background with the RGB color 135, 194, 176.

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
141, 190, 205

Trichromacy



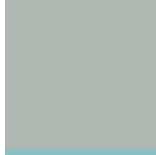
Original Color

135, 194, 176



Protanomaly

169, 186, 172



Deuteranomaly

176, 183, 179



Tritanomaly

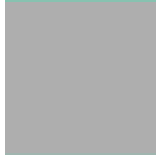
139, 191, 194

Monochromacy



Original Color

135, 194, 176



Achromatopsia

174, 174, 174



Achromatomaly

160, 181, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 194, 176 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(135, 194, 176)` looks like.

```
.text, #text, p{  
    color:rgb(135, 194, 176)  
}
```

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(135, 194, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 194, 176) }
```

Border

The CSS property to change the border of an element to RGB 135, 194, 176 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(135, 194, 176) }
```

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

```
.border{ border-color:rgb(135, 194, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 194, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 194, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 194, 176);  
box-shadow:4px 4px 4px 4px rgb(135, 194,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 135, 194, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 194, 176) }
```

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

```
.background{ background-color: rgb(135,  
194, 176) }
```

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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