

Converting Colors

RGB(135, 195, 179)

Have a look what the booklet for
RGB(135, 195, 179) contains.

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Color

RGB(135, 195, 179)

Conversions

Conversions Part 1

Format	Color
Hex	87C3B3
RGB	135, 195, 179
RGB Percent	53%, 76%, 70%
CMY	0.4706, 0.2353, 0.2980
CMYK	0.31, 0.00, 0.08, 0.24
HSL	164°, 33%, 65%
HSV	164°, 31%, 76%
XYZ	37.6435, 47.4358, 49.8198
YIQ	175.2360, -30.6240, -17.6960

Conversions

Conversions Part 2

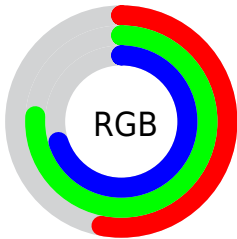
Format	Color
RYB	135, 170, 195
Decimal	8897459
CIELab	74.47, -22.76, 1.86
CIELCh	74, 22.836, 175.318
Yxy	47.4358, 0.2790, 0.3516
Android (android.graphics.Color)	4287087539 (0xFF87C3B3)
YUV	175.2360, 1.8557, -35.2870
Hunter-Lab	68.8736, -22.9682, 5.3241

Details

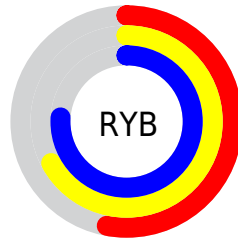
The RGB color **135, 195, 179** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **195, 135, 151**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **190, 252, 235**, and **83, 141, 126** is the 20% darker color. If you saturate the color by 10%, you get **116, 195, 174**, and if you desaturate by 10%, it is **155, 195, 184**.

Distribution



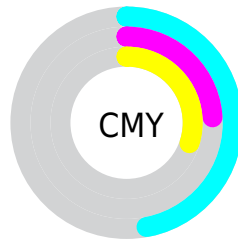
- Red (53%)
- Green (76%)
- Blue (70%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)



- Cyan (47%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 195, 179 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, 195, 179 by changing the saturation by 10% instead.

 135, 195, 179


255, 255, 255


 190, 252, 235


 218, 255, 255


 247, 255, 255

 135, 195, 179

 109, 168, 152

 83, 141, 126

 57, 115, 101

 31, 91, 77

 0, 67, 55

 0, 44, 33

 0, 25, 11


 0, 0, 0

 135, 195, 179


 135, 195, 179

 116, 195, 174


 155, 195, 184

 96, 195, 169


 174, 195, 189


 77, 195, 163

 194, 195, 195

 57, 195, 158

 213, 195, 200

 37, 195, 153

 232, 195, 205

 18, 195, 148

 252, 195, 210

 0, 195, 143

 255, 195, 215

 255, 195, 221

 255, 195, 226

Harmonies

Analogous

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



156, 192, 159



135, 195, 179



124, 195, 200

Triad

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



135, 195, 179



182, 179, 221



219, 174, 149

Complementary

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



135, 195, 179



195, 135, 151

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, 169, 166



135, 195, 179



207, 172, 207

Square

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



135, 195, 179



154, 186, 225



223, 168, 187



202, 181, 142

Rectangle

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



135, 195, 179



127, 193, 212



223, 168, 187



223, 172, 154

Sweetspot

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



135, 195, 179



230, 252, 246



151, 195, 135



113, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



135, 195, 179



159, 252, 228



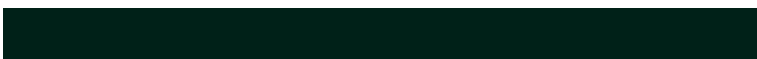
135, 181, 195



87, 97, 94



0, 161, 118



0, 33, 24

Inverse Universe

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



195, 135, 151



252, 159, 184



195, 149, 135



97, 87, 90



161, 0, 43



33, 0, 9

Previews

White Background



This preview shows how the RGB color 135, 195, 179 looks on a white background.

Color Contrast Check

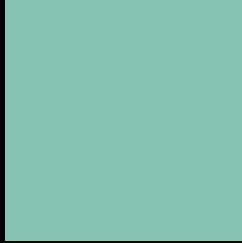
Large Text (above 18pt) WCAG AA × Fail

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, 195, 179 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

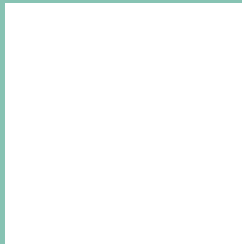
Any Text WCAG AAA ✓ Pass

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

RGB 135, 195, 179 Background



This preview shows how black text looks on a background with the RGB color 135, 195, 179.

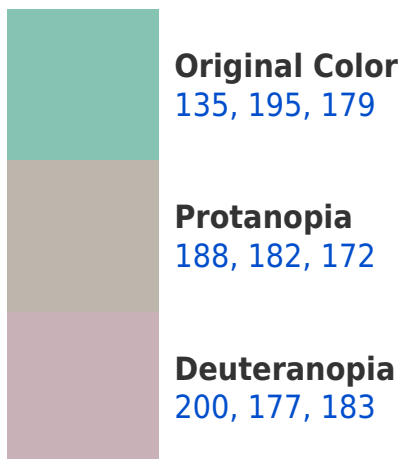


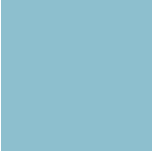
This preview shows how white text looks on a background with the RGB color 135, 195, 179.

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, 191, 206

Trichromacy



Original Color
135, 195, 179

Protanomaly
169, 187, 175

Deuteranomaly
176, 184, 182

Tritanomaly
139, 192, 196

Monochromacy



Original Color
135, 195, 179

Achromatopsia
175, 175, 175

Achromatomaly
160, 182, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 195, 179 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, 195, 179)` looks like.

```
.text, #text, p{  
    color:rgb(135, 195, 179)  
}
```

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, 195, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 195, 179) }
```

Border

The CSS property to change the border of an element to RGB 135, 195, 179 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, 195, 179) }
```

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

```
.border{ border-color:rgb(135, 195, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 195, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 195, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 195, 179);  
box-shadow:4px 4px 4px 4px rgb(135, 195,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 135, 195, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 195, 179) }
```

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

```
.background{ background-color: rgb(135,  
195, 179) }
```

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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