

Converting Colors

RGB(135, 189, 181)

Have a look what the booklet for
RGB(135, 189, 181) contains.

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Color

RGB(135, 189, 181)

Conversions

Conversions Part 1

Format	Color
Hex	87BDB5
RGB	135, 189, 181
RGB Percent	53%, 74%, 71%
CMY	0.4706, 0.2588, 0.2902
CMYK	0.29, 0.00, 0.04, 0.26
HSL	171°, 29%, 64%
HSV	171°, 29%, 74%
XYZ	36.5298, 44.8823, 50.4539
YIQ	171.9420, -29.6160, -13.9360

Conversions

Conversions Part 2

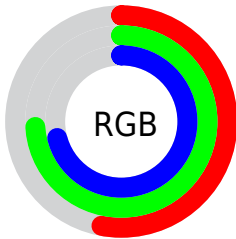
Format	Color
RYB	135, 164, 189
Decimal	8895925
CIELab	72.81, -19.29, -1.64
CIElCh	73, 19.360, 184.852
Yxy	44.8823, 0.2770, 0.3404
Android (android.graphics.Color)	4287086005 (0xFF87BDB5)
YUV	171.9420, 4.4656, -32.3981
Hunter-Lab	66.9942, -19.9097, 2.2442

Details

The RGB color **135, 189, 181** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **189, 135, 143**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **190, 245, 237**, and **83, 136, 128** is the 20% darker color. If you saturate the color by 10%, you get **116, 189, 178**, and if you desaturate by 10%, it is **154, 189, 184**.

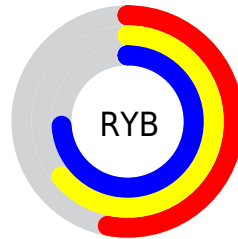
Distribution



Red (53%)

Green (74%)

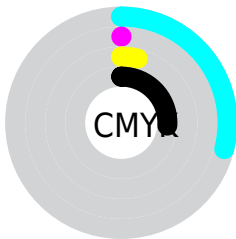
Blue (71%)



Red (53%)

Yellow (64%)

Blue (74%)

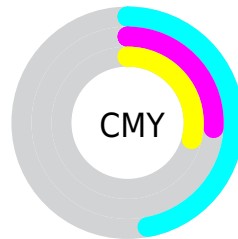


Cyan (29%)

Magenta (0%)

Yellow (4%)

Black (26%)



Cyan (47%)

Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 189, 181 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, 189, 181 by changing the saturation by 10% instead.

 135, 189, 181

255, 255, 255


 190, 245, 237


 218, 255, 255

 247, 255, 255


 135, 189, 181

 109, 162, 154


 83, 136, 128

 58, 110, 103

 32, 85, 79


 1, 62, 56

 0, 40, 35

 0, 18, 13


 0, 0, 0


 135, 189, 181


 135, 189, 181


 116, 189, 178


 154, 189, 184


 97, 189, 175


 173, 189, 187


 78, 189, 173


 192, 189, 189

 59, 189, 170

 211, 189, 192

 40, 189, 167

 230, 189, 195

 22, 189, 164

 248, 189, 198

 3, 189, 161

 255, 189, 201

 0, 189, 161

 255, 189, 203

 255, 189, 206

Harmonies

Analogous

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



150, 188, 163



135, 189, 181



131, 188, 198

Triad

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



135, 189, 181



186, 173, 208



206, 173, 147

Complementary

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



135, 189, 181



189, 135, 143

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.



215, 168, 159



135, 189, 181



204, 168, 194

Square

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



135, 189, 181



162, 179, 214



215, 166, 176



190, 178, 144

Rectangle

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



135, 189, 181



136, 186, 207



215, 166, 176



210, 171, 150

Sweetspot

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



135, 189, 181



223, 245, 242



143, 189, 135



109, 122, 120



250, 250, 250



122, 122, 122

Same Dimension

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



135, 189, 181



162, 245, 232



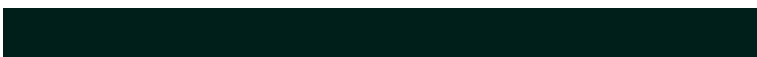
135, 170, 189



85, 94, 93



0, 158, 135



0, 31, 26

Inverse Universe

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



189, 135, 143



245, 162, 174



189, 154, 135



94, 85, 86



158, 0, 23



31, 0, 5

Previews

White Background



This preview shows how the RGB color 135, 189, 181 looks on a white background.

Color Contrast Check

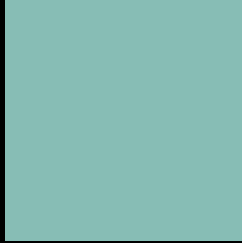
Large Text (above 18pt) WCAG AA × Fail

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, 189, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

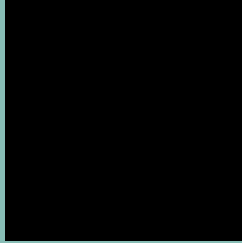
Any Text WCAG AA ✓ Pass

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, 189, 181 Background



This preview shows how black text looks on a background with the RGB color 135, 189, 181.



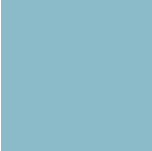
This preview shows how white text looks on a background with the RGB color 135, 189, 181.

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
139, 186, 201

Trichromacy



Original Color
135, 189, 181

Protanomaly
165, 181, 177

Deuteranomaly
171, 179, 183

Tritanomaly
138, 187, 194

Monochromacy



Original Color
135, 189, 181

Achromatopsia
172, 172, 172

Achromatomaly
159, 178, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 189, 181 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, 189, 181)` looks like.

```
.text, #text, p{  
    color:rgb(135, 189, 181)  
}
```

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, 189, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 189, 181) }
```

Border

The CSS property to change the border of an element to RGB 135, 189, 181 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, 189, 181) }
```

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

```
.border{ border-color:rgb(135, 189, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 189, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 189, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 189, 181);  
box-shadow:4px 4px 4px 4px rgb(135, 189,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 135, 189, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 189, 181) }
```

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

```
.background{ background-color: rgb(135,  
189, 181) }
```

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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