

Converting Colors

RGB(135, 196, 156)

Have a look what the booklet for
RGB(135, 196, 156) contains.

RGB(135, 196, 156)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(135, 196, 156)

Conversions

Conversions Part 1

Format	Color
Hex	87C49C
RGB	135, 196, 156
RGB Percent	53%, 77%, 61%
CMY	0.4706, 0.2314, 0.3882
CMYK	0.31, 0.00, 0.20, 0.23
HSL	141°, 34%, 65%
HSV	141°, 31%, 77%
XYZ	35.7324, 47.0311, 38.6471
YIQ	173.2010, -23.5160, -25.3720

Conversions

Conversions Part 2

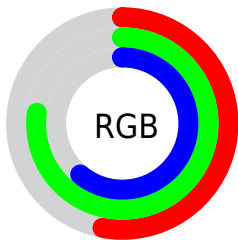
Format	Color
RYB	135, 180, 196
Decimal	8897692
CIELab	74.21, -27.97, 13.93
CIElCh	74, 31.246, 153.529
Yxy	47.0311, 0.2943, 0.3874
Android (android.graphics.Color)	4287087772 (0xFF87C49C)
YUV	173.2010, -8.4801, -33.5023
Hunter-Lab	68.5792, -27.0083, 14.5932

Details

The RGB color **135, 196, 156** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **196, 135, 175**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **190, 253, 211**, and **83, 142, 105** is the 20% darker color. If you saturate the color by 10%, you get **115, 196, 143**, and if you desaturate by 10%, it is **155, 196, 169**.

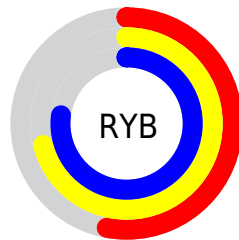
Distribution



Red (53%)

Green (77%)

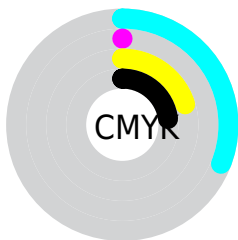
Blue (61%)



Red (53%)

Yellow (71%)

Blue (77%)

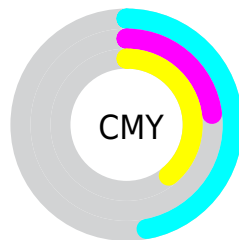


Cyan (31%)

Magenta (0%)

Yellow (20%)

Black (23%)



Cyan (47%)


Magenta (23%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 196, 156 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, 196, 156 by changing the saturation by 10% instead.

 135, 196, 156

255, 255, 255


 190, 253, 211

 218, 255, 239

 247, 255, 255

 135, 196, 156

 109, 169, 130

 83, 142, 105

 58, 116, 80

 32, 91, 57

 0, 67, 36

 0, 44, 15

 0, 23, 0


 0, 0, 0


 135, 196, 156


 135, 196, 156


 115, 196, 143


 155, 196, 169

 96, 196, 130

 174, 196, 182

 76, 196, 117

 194, 196, 195

 57, 196, 105


 213, 196, 207

 37, 196, 92

 233, 196, 220

 17, 196, 79

 253, 196, 233

 0, 196, 67

 255, 196, 246

 255, 196, 255

Harmonies

Analogous

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



168, 190, 134



135, 196, 156



104, 198, 185

Triad

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



135, 196, 156



150, 184, 239



238, 164, 152

Complementary

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



135, 196, 156



196, 135, 175

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.



238, 161, 180



135, 196, 156



191, 174, 230

Square

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



135, 196, 156



110, 192, 233



222, 165, 209



224, 172, 132

Rectangle

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



135, 196, 156



92, 198, 204



222, 165, 209



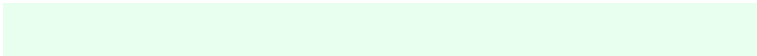
240, 162, 161

Sweetspot

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



135, 196, 156



232, 255, 240



176, 196, 135



113, 128, 118



0, 0, 0



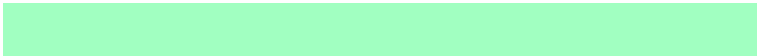
128, 128, 128

Same Dimension

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



135, 196, 156



161, 255, 193



135, 196, 186



87, 97, 91



0, 161, 55



0, 33, 11

Inverse Universe

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



196, 135, 175



255, 161, 223



196, 135, 145



97, 87, 94



161, 0, 105



33, 0, 22

Previews

White Background



This preview shows how the RGB color 135, 196, 156 looks on a white background.

Color Contrast Check

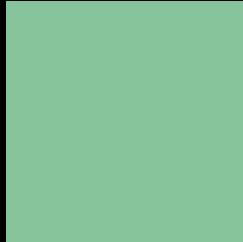
Large Text (above 18pt) WCAG AA × Fail

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, 196, 156 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, 196, 156 Background



This preview shows how black text looks on a background with the RGB color 135, 196, 156.



This preview shows how white text looks on a background with the RGB color 135, 196, 156.

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](#).

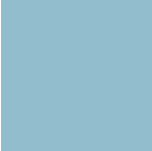
Dichromacy



Original Color
135, 196, 156

Protanopia
192, 181, 149

Deuteranopia
207, 175, 160



Tritanopia
145, 189, 205

Trichromacy



Original Color

135, 196, 156



Protanomaly

171, 186, 152



Deuteranomaly

181, 183, 159



Tritanomaly

141, 192, 187

Monochromacy



Original Color

135, 196, 156



Achromatopsia

173, 173, 173



Achromatomaly

159, 181, 167

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 196, 156 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, 196, 156)` looks like.

```
.text, #text, p{  
    color:rgb(135, 196, 156)  
}
```

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, 196, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 196, 156) }
```

Border

The CSS property to change the border of an element to RGB 135, 196, 156 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, 196, 156) }
```

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

```
.border{ border-color:rgb(135, 196, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 196, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 196, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 196, 156);  
box-shadow:4px 4px 4px 4px rgb(135, 196,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 135, 196, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 196, 156) }
```

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

```
.background{ background-color: rgb(135,  
196, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor