

Converting Colors

RGB(133, 197, 139)

Have a look what the booklet for
RGB(133, 197, 139) contains.

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Color

RGB(133, 197, 139)

Conversions

Conversions Part 1

Format	Color
Hex	85C58B
RGB	133, 197, 139
RGB Percent	52%, 77%, 55%
CMY	0.4784, 0.2275, 0.4549
CMYK	0.32, 0.00, 0.29, 0.23
HSL	126°, 36%, 65%
HSV	126°, 32%, 77%
XYZ	34.2993, 46.7831, 31.6484
YIQ	171.2520, -19.5260, -31.6060

Conversions

Conversions Part 2

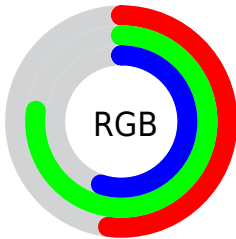
Format	Color
RYB	133, 192, 197
Decimal	8766859
CIELab	74.05, -32.18, 22.78
CIELCh	74, 39.422, 144.705
Yxy	46.7831, 0.3043, 0.4150
Android (android.graphics.Color)	4286956939 (0xFF85C58B)
YUV	171.2520, -15.9002, -33.5470
Hunter-Lab	68.3982, -30.1853, 20.4448

Details

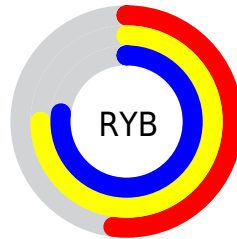
The RGB color **133, 197, 139** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **197, 133, 191**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **188, 254, 193**, and **81, 143, 89** is the 20% darker color. If you saturate the color by 10%, you get **113, 197, 121**, and if you desaturate by 10%, it is **153, 197, 157**.

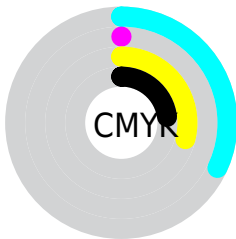
Distribution



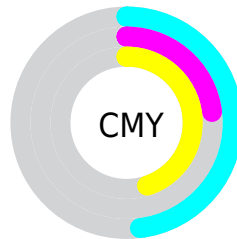
- Red (52%)
- Green (77%)
- Blue (55%)



- Red (52%)
- Yellow (75%)
- Blue (77%)



- Cyan (32%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)



- Cyan (48%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 197, 139 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, 197, 139 by changing the saturation by 10% instead.

 133, 197, 139

255, 255, 255


 188, 254, 193

 216, 255, 221


 245, 255, 249

 133, 197, 139

 107, 170, 113

 81, 143, 89

 55, 117, 65

 28, 92, 42

 0, 68, 20

 0, 45, 0

 0, 23, 0


 0, 0, 0


 133, 197, 139


 133, 197, 139


 113, 197, 121

 153, 197, 157

 94, 197, 103

 172, 197, 175

 74, 197, 85

 192, 197, 193


 54, 197, 68


 212, 197, 210

 35, 197, 50

 232, 197, 228

 15, 197, 32

 251, 197, 246

 0, 197, 18

 255, 197, 255

Harmonies

Analogous

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



175, 189, 115



133, 197, 139



85, 201, 174

Triad

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



133, 197, 139



118, 188, 254



252, 156, 154

Complementary

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



133, 197, 139



197, 133, 191

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.



247, 154, 190



133, 197, 139



177, 175, 248

Square

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



133, 197, 139



53, 197, 240



222, 162, 224



239, 165, 124

Rectangle

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



133, 197, 139



49, 201, 199



222, 162, 224



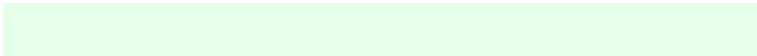
253, 154, 165

Sweetspot

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



133, 197, 139



230, 255, 232



192, 197, 133



112, 128, 114



0, 0, 0



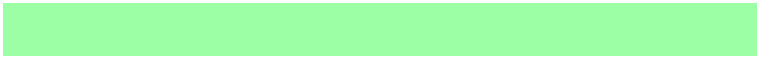
128, 128, 128

Same Dimension

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



133, 197, 139



156, 255, 165



133, 197, 170



90, 99, 90



0, 163, 15



0, 36, 3

Inverse Universe

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



197, 133, 191



255, 156, 246



197, 133, 160



99, 90, 99



163, 0, 148



36, 0, 32

Previews

White Background



This preview shows how the RGB color 133, 197, 139 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, 197, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

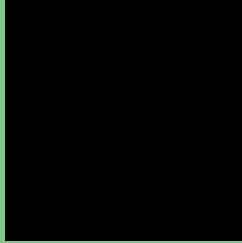
Any Text WCAG AA ✓ Pass

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, 197, 139 Background



This preview shows how black text looks on a background with the RGB color 133, 197, 139.

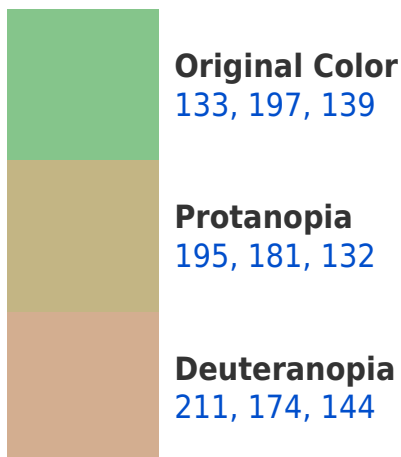


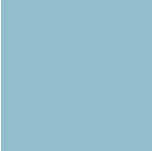
This preview shows how white text looks on a background with the RGB color 133, 197, 139.

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
145, 189, 204

Trichromacy



Original Color

133, 197, 139



Protanomaly

172, 187, 135



Deuteranomaly

183, 182, 142



Tritanomaly

141, 192, 180

Monochromacy



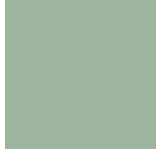
Original Color

133, 197, 139



Achromatopsia

171, 171, 171



Achromatomaly

157, 180, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 197, 139 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, 197, 139)` looks like.

```
.text, #text, p{  
    color:rgb(133, 197, 139)  
}
```

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, 197, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 197, 139) }
```

Border

The CSS property to change the border of an element to RGB 133, 197, 139 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, 197, 139) }
```

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

```
.border{ border-color:rgb(133, 197, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 197, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 197, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 197, 139);  
box-shadow:4px 4px 4px 4px rgb(133, 197,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 133, 197, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 197, 139) }
```

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

```
.background{ background-color: rgb(133,  
197, 139) }
```

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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