

Converting Colors

RGB(137, 194, 159)

Have a look what the booklet for
RGB(137, 194, 159) contains.

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Color

RGB(137, 194, 159)

Conversions

Conversions Part 1

Format	Color
Hex	89C29F
RGB	137, 194, 159
RGB Percent	54%, 76%, 62%
CMY	0.4627, 0.2392, 0.3765
CMYK	0.29, 0.00, 0.18, 0.24
HSL	143°, 32%, 65%
HSV	143°, 29%, 76%
XYZ	35.8663, 46.4051, 39.8676
YIQ	172.9670, -22.7370, -22.9690

Conversions

Conversions Part 2

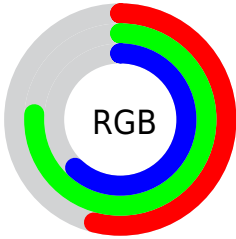
Format	Color
RYB	137, 178, 194
Decimal	9028255
CIELab	73.81, -25.79, 11.76
CIELCh	74, 28.342, 155.486
Yxy	46.4051, 0.2937, 0.3799
Android (android.graphics.Color)	4287218335 (0xFF89C29F)
YUV	172.9670, -6.8857, -31.5431
Hunter-Lab	68.1213, -25.2309, 12.9858

Details

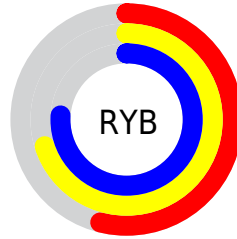
The RGB color **137, 194, 159** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **194, 137, 172**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **192, 251, 214**, and **85, 140, 108** is the 20% darker color. If you saturate the color by 10%, you get **118, 194, 147**, and if you desaturate by 10%, it is **156, 194, 171**.

Distribution



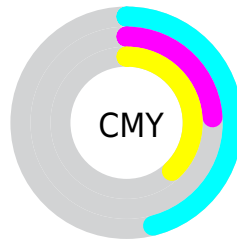
- Red (54%)
- Green (76%)
- Blue (62%)



- Red (54%)
- Yellow (70%)
- Blue (76%)



- Cyan (29%)
- Magenta (0%)
- Yellow (18%)
- Black (24%)



- Cyan (46%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 194, 159 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 137, 194, 159 by changing the saturation by 10% instead.

 137, 194, 159


255, 255, 255


 192, 251, 214


 220, 255, 242

 249, 255, 255

 137, 194, 159

 111, 167, 133

 85, 140, 108

 60, 114, 83


 35, 90, 60


 6, 66, 38

 0, 43, 18


 0, 22, 0


 0, 0, 0


 137, 194, 159


 137, 194, 159

 118, 194, 147


 156, 194, 171

 98, 194, 135


 176, 194, 183

 79, 194, 123


 195, 194, 195


 59, 194, 111


 215, 194, 207

 40, 194, 99


 234, 194, 219


 21, 194, 88


 253, 194, 230

 1, 194, 76

 255, 194, 242

 0, 194, 75

 255, 194, 254

 255, 194, 255

Harmonies

Analogous

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



167, 189, 138



137, 194, 159



111, 196, 185

Triad

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



137, 194, 159



155, 182, 233



232, 165, 152

Complementary

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



137, 194, 159



194, 137, 172

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.



233, 162, 177



137, 194, 159



191, 173, 224

Square

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



137, 194, 159



121, 190, 228



219, 165, 203



218, 172, 135

Rectangle

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



137, 194, 159



103, 195, 203



219, 165, 203



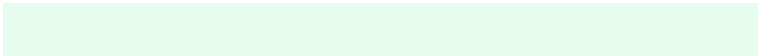
234, 164, 160

Sweetspot

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



137, 194, 159



230, 252, 238



172, 194, 137



113, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



137, 194, 159



164, 252, 198



137, 194, 187



87, 97, 91



0, 161, 62



0, 33, 13

Inverse Universe

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



194, 137, 172



252, 164, 218



194, 137, 144



97, 87, 93



161, 0, 99



33, 0, 20

Previews

White Background



This preview shows how the RGB color 137, 194, 159 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 137, 194, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

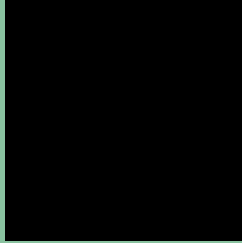
Any Text WCAG AA ✓ Pass

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 137, 194, 159 Background



This preview shows how black text looks on a background with the RGB color 137, 194, 159.



This preview shows how white text looks on a background with the RGB color 137, 194, 159.

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](#).

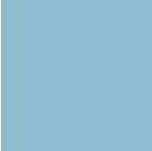
Dichromacy



Original Color
137, 194, 159

Protanopia
190, 180, 152

Deuteranopia
205, 174, 163



Tritanopia
146, 188, 203

Trichromacy



Original Color
137, 194, 159

Protanomaly
171, 185, 155

Deuteranomaly
180, 181, 162

Tritanomaly
143, 190, 187

Monochromacy



Original Color
137, 194, 159

Achromatopsia
173, 173, 173

Achromatomaly
160, 181, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 194, 159 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(137, 194, 159)` looks like.

```
.text, #text, p{  
    color:rgb(137, 194, 159)  
}
```

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(137, 194, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 194, 159) }
```

Border

The CSS property to change the border of an element to RGB 137, 194, 159 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(137, 194, 159) }
```

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

```
.border{ border-color:rgb(137, 194, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 194, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 194, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 194, 159); box-shadow:4px 4px 4px 4px rgb(137, 194, 159) }
```

Background

The CSS property to change the background color of an element to RGB 137, 194, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 194, 159) }
```

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

```
.background{ background-color: rgb(137,  
194, 159) }
```

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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