

Converting Colors

RGB(137, 194, 135)

Have a look what the booklet for
RGB(137, 194, 135) contains.

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Color

RGB(137, 194, 135)

Conversions

Conversions Part 1

Format	Color
Hex	89C287
RGB	137, 194, 135
RGB Percent	54%, 76%, 53%
CMY	0.4627, 0.2392, 0.4706
CMYK	0.29, 0.00, 0.30, 0.24
HSL	118°, 33%, 65%
HSV	118°, 30%, 76%
XYZ	33.9815, 45.6512, 29.9422
YIQ	170.2310, -15.0330, -30.4330

Conversions

Conversions Part 2

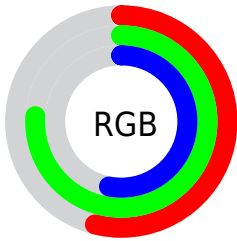
Format	Color
RYB	135, 194, 192
Decimal	9028231
CIELab	73.32, -30.12, 23.94
CIElCh	73, 38.477, 141.525
Yxy	45.6512, 0.3101, 0.4166
Android (android.graphics.Color)	4287218311 (0xFF89C287)
YUV	170.2310, -17.3689, -29.1436
Hunter-Lab	67.5657, -28.4651, 21.0212

Details

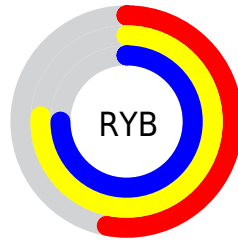
The RGB color **137, 194, 135** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **192, 135, 194**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **192, 251, 189**, and **85, 140, 85** is the 20% darker color. If you saturate the color by 10%, you get **118, 194, 116**, and if you desaturate by 10%, it is **156, 194, 154**.

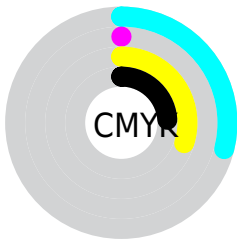
Distribution



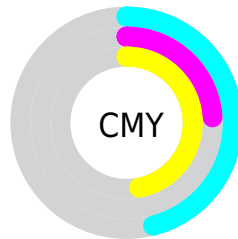
- Red (54%)
- Green (76%)
- Blue (53%)



- Red (53%)
- Yellow (76%)
- Blue (75%)



- Cyan (29%)
- Magenta (0%)
- Yellow (30%)
- Black (24%)



- Cyan (46%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 194, 135 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, 135 by changing the saturation by 10% instead.

 137, 194, 135


255, 255, 255

 192, 251, 189


 220, 255, 216

 249, 255, 245

 137, 194, 135

 111, 167, 109

 85, 140, 85

 60, 114, 61


 34, 89, 38


 4, 65, 16

 0, 43, 0

 0, 20, 0


 0, 0, 0

 137, 194, 135


 137, 194, 135

 118, 194, 116


 156, 194, 154


 100, 194, 96

 174, 194, 174


 81, 194, 77

 193, 194, 193

 62, 194, 57

 212, 194, 213

 43, 194, 38

 231, 194, 232

 25, 194, 19

 249, 194, 251

 7, 194, 0

 255, 194, 255

Harmonies

Analogous

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



178, 186, 113



137, 194, 135



91, 198, 168

Triad

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



137, 194, 135



112, 187, 249



249, 154, 156

Complementary

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



137, 194, 135



192, 135, 194

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.



242, 154, 192



137, 194, 135



170, 175, 245

Square

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



137, 194, 135



52, 195, 234



215, 162, 224



238, 162, 126

Rectangle

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



137, 194, 135



59, 199, 193



215, 162, 224



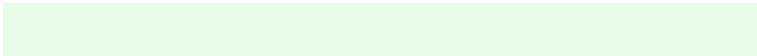
249, 153, 168

Sweetspot

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



137, 194, 135



230, 252, 230



194, 191, 135



114, 128, 113



0, 0, 0



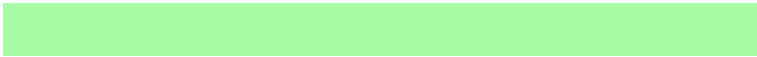
128, 128, 128

Same Dimension

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



137, 194, 135



165, 252, 162



135, 194, 162



88, 97, 87



5, 161, 0



1, 33, 0

Inverse Universe

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



192, 135, 194



249, 162, 252



194, 135, 167



97, 87, 97



155, 0, 161



32, 0, 33

Previews

White Background



This preview shows how the RGB color 137, 194, 135 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, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

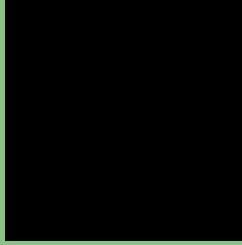
Any Text WCAG AA ✓ Pass

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, 135 Background



This preview shows how black text looks on a background with the RGB color 137, 194, 135.



This preview shows how white text looks on a background with the RGB color 137, 194, 135.

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](#).

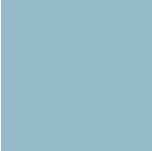
Dichromacy



Original Color
137, 194, 135

Protanopia
193, 179, 129

Deuteranopia
210, 172, 140



Tritanopia
149, 186, 201

Trichromacy



Original Color
137, 194, 135

Protanomaly
173, 184, 131

Deuteranomaly
183, 180, 138

Tritanomaly
145, 189, 177

Monochromacy



Original Color
137, 194, 135

Achromatopsia
170, 170, 170

Achromatomaly
158, 179, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 194, 135 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(137, 194, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 194, 135) }
```

Border

The CSS property to change the border of an element to RGB 137, 194, 135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

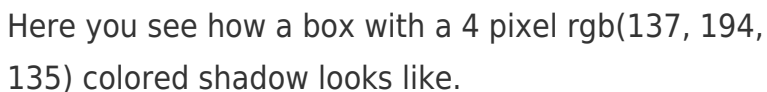
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 194, 135) }
```

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

```
.border{ border-color:rgb(137, 194, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 194, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 194, 135); box-shadow:4px 4px 4px 4px rgb(137, 194, 135) }
```

Background

The CSS property to change the background color of an element to RGB 137, 194, 135 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, 135) }
```

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

```
.background{ background-color: rgb(137,  
194, 135) }
```

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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