Converting Colors

RGB(135, 184, 137)

Have a look what the booklet for RGB(135, 184, 137) contains.

Color

RGB(135, 184, 137)

Conversions

Conversions Part 1

Format	Color
Hex	87B889
RGB	135, 184, 137
RGB Percent	53%, 72%, 54%
CMY	0.4706, 0.2784, 0.4627
CMYK	0.27, 0.00, 0.26, 0.28
HSL	122°, 26%, 63%
HSV	122°, 27%, 72%
XYZ	31.6475, 41.2380, 29.9586
YIQ	163.9910, -14.1170, -25.0050

Conversions

Conversions Part 2

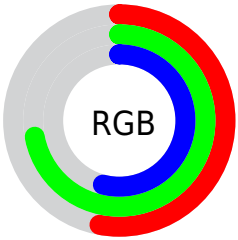
Format	Color
RYB	135, 182, 184
Decimal	8894601
CIELab	70.34, -25.61, 18.78
CIELCh	70, 31.762, 143.743
Yxy	41.2380, 0.3077, 0.4010
Android (android.graphics.Color)	4287084681 (0xFF87B889)
YUV	163.9910, -13.3066, -25.4251
Hunter-Lab	64.2168, -24.4106, 17.2916

Details

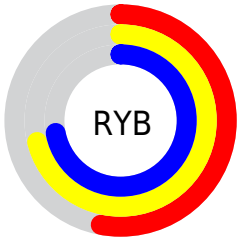
The RGB color 135, 184, 137 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 184, 135, 182, and the grayscale version is 164, 164, 164.

A 20% lighter version of the original color is 189, 240, 191, and 84, 131, 87 is the 20% darker color. If you saturate the color by 10%, you get 117, 184, 119, and if you desaturate by 10%, it is 153, 184, 155.

Distribution

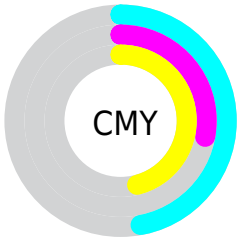


- Red (53%)
- Green (72%)
- Blue (54%)



- Red (53%)
- Yellow (71%)
- Blue (72%)

- Cyan (27%)
- Magenta (0%)
- Yellow (26%)
- Black (28%)



- Cyan (47%)
- Magenta (28%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 184, 137 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, 184, 137 by changing the saturation by 10% instead.

135, 184, 137

255, 255, 255

189, 240, 191

217, 255, 218

246, 255, 247

135, 184, 137

109, 157, 111

84, 131, 87

59, 105, 63

35, 81, 41

8, 57, 20

0, 36, 0

0, 2, 0

0, 0, 0

135, 184, 137

135, 184, 137

117, 184, 119

98, 184, 102

80, 184, 84

61, 184, 66

43, 184, 49

25, 184, 31

6, 184, 13

0, 184, 8

153, 184, 155

172, 184, 172

190, 184, 190

209, 184, 208

227, 184, 225

245, 184, 243

255, 184, 255

Harmonies

Analogous

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

168, 177, 119

135, 184, 137

101, 187, 165

Triad

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

135, 184, 137

124, 177, 229

229, 152, 150

Complementary

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

135, 184, 137

184, 135, 182

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.

224, 151, 179

135, 184, 137

168, 167, 225

Square

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

135, 184, 137

86, 184, 218

203, 157, 206

219, 158, 127

Rectangle

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

135, 184, 137

83, 188, 185

203, 157, 206

230, 151, 160

Sweetspot

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

135, 184, 137

221, 240, 221

182, 184, 135

108, 120, 108

247, 247, 247

120, 120, 120

Same Dimension

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

135, 184, 137

163, 240, 166

135, 184, 161

83, 92, 83

0, 156, 6

0, 28, 1

Inverse Universe

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

184, 135, 182

240, 163, 237

184, 135, 158

92, 83, 91

156, 0, 149

28, 0, 27

Previews

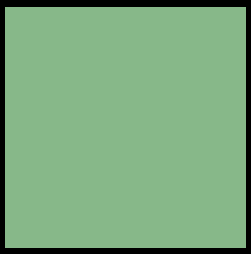
White Background

This preview shows how the RGB color 135, 184, 137 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



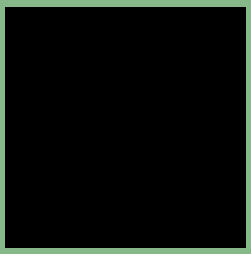
This preview shows how the RGB color 135, 184, 137 looks on a black background.

Color Contrast Check

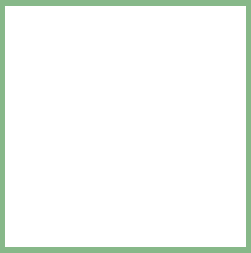
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 135, 184, 137 Background



This preview shows how black text looks on a background with the RGB color 135, 184, 137.



This preview shows how white text looks on a background with the RGB color 135, 184, 137.

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, 184, 137

Protanopia
183, 171, 131

Deuteranopia
198, 165, 141

Tritanopia
145, 177, 191

Trichromacy

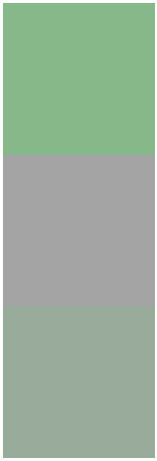
Original Color
135, 184, 137

Protanomaly
166, 176, 133

Deuteranomaly
175, 172, 140

Tritanomaly
141, 180, 171

Monochromacy



Original Color
135, 184, 137

Achromatopsia
164, 164, 164

Achromatomaly
153, 171, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 184, 137 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, 184, 137) looks like.

```
.text, #text, p{
    color:rgb(135, 184, 137)
}
```

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, 184, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 184, 137) }
```

Border

The CSS property to change the border of an element to RGB 135, 184, 137 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, 184, 137) }
```

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

```
.border{ border-color:rgb(135, 184, 137) }
```

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

Here you see how a box with a 4 pixel rgb(135, 184, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 184, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 184, 137); box-shadow:4px 4px 4px 4px rgb(135, 184, 137) }
```

Background

The CSS property to change the background color of an element to RGB 135, 184, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(135, 184, 137) }
```

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

```
.background{ background-color:rgb(135,
184, 137) }
```

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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