Converting Colors

RGB(173, 188, 135)

Have a look what the booklet for RGB(173, 188, 135) contains.

Color

RGB(173, 188, 135)

Conversions

Conversions Part 1

Format	Color
Hex	ADBC87
RGB	173, 188, 135
RGB Percent	68%, 74%, 53%
CMY	0.3216, 0.2627, 0.4706
CMYK	0.08, 0.00, 0.28, 0.26
HSL	77°, 28%, 63%
HSV	77°, 28%, 74%
XYZ	39.5900, 46.5999, 29.8297
YIQ	177.4730, 8.0730, -19.6630

Conversions

Conversions Part 2

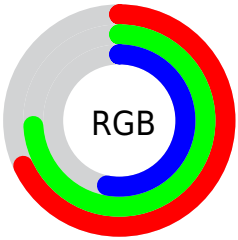
Format	Color
RYB	135, 188, 150
Decimal	11385991
CIELab	73.93, -14.23, 25.16
CIELCh	74, 28.909, 119.495
Yxy	46.5999, 0.3412, 0.4017
Android (android.graphics.Color)	4289576071 (0xFFADBC87)
YUV	177.4730, -20.9392, -3.9228
Hunter-Lab	68.2642, -15.9407, 21.8766

Details

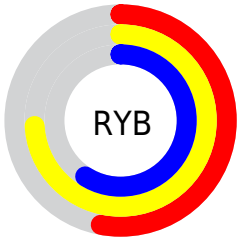
The RGB color 173, 188, 135 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 150, 135, 188, and the grayscale version is 178, 178, 178.

A 20% lighter version of the original color is 229, 244, 189, and 120, 135, 85 is the 20% darker color. If you saturate the color by 10%, you get 168, 188, 116, and if you desaturate by 10%, it is 178, 188, 154.

Distribution

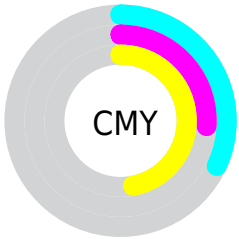


- Red (68%)
- Green (74%)
- Blue (53%)



- Red (53%)
- Yellow (74%)
- Blue (59%)

- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (26%)



- Cyan (32%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 173, 188, 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 173, 188, 135 by changing the saturation by 10% instead.

173, 188, 135

255, 255, 255

229, 244, 189

255, 255, 216

255, 255, 245

173, 188, 135

146, 161, 109

120, 135, 85

95, 109, 61

71, 85, 38

47, 62, 16

27, 40, 0

0, 21, 0

0, 0, 0

173, 188, 135

173, 188, 135

168, 188, 116

162, 188, 97

157, 188, 79

152, 188, 60

146, 188, 41

141, 188, 22

136, 188, 3

135, 188, 0

178, 188, 154

184, 188, 173

189, 188, 191

194, 188, 210

200, 188, 229

205, 188, 248

210, 188, 255

216, 188, 255

221, 188, 255

Harmonies

Analogous

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

201, 180, 129

173, 188, 135

142, 194, 154

Triad

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

173, 188, 135

113, 192, 227

232, 162, 183

Complementary

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

173, 188, 135

150, 135, 188

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.

215, 167, 209

173, 188, 135

147, 184, 234

Square

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

173, 188, 135

100, 196, 207

185, 175, 228

235, 164, 157

Rectangle

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

173, 188, 135

123, 196, 171

185, 175, 228

228, 163, 192

Sweetspot

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

173, 188, 135

239, 245, 225

188, 149, 135

119, 122, 110

250, 250, 250

122, 122, 122

Same Dimension

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

173, 188, 135

221, 245, 162

147, 188, 135

92, 94, 85

113, 158, 0

22, 31, 0

Inverse Universe

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

150, 135, 188

185, 162, 245

176, 135, 188

88, 85, 94

45, 0, 158

9, 0, 31

Previews

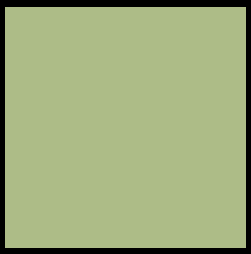
White Background

This preview shows how the RGB color 173, 188, 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



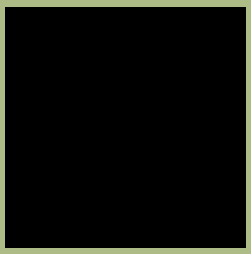
This preview shows how the RGB color 173, 188, 135 looks on a black background.

Color Contrast Check

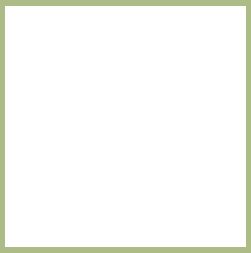
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 173, 188, 135 Background



This preview shows how black text looks on a background with the RGB color 173, 188, 135.

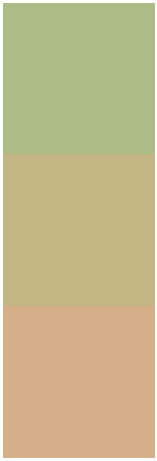


This preview shows how white text looks on a background with the RGB color 173, 188, 135.

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



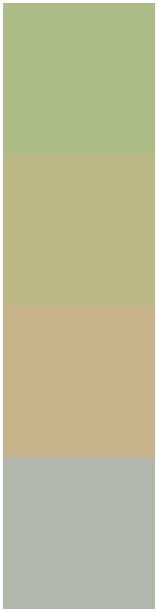
Original Color
173, 188, 135

Protanopia
195, 181, 132

Deuteranopia
213, 174, 138

Tritanopia
181, 180, 195

Trichromacy



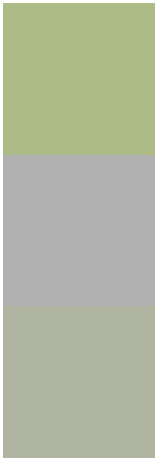
Original Color
173, 188, 135

Protanomaly
187, 184, 133

Deuteranomaly
198, 179, 137

Tritanomaly
178, 183, 173

Monochromacy



Original Color
173, 188, 135

Achromatopsia
177, 177, 177

Achromatomaly
176, 181, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 188, 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(173, 188, 135) looks like.

```
.text, #text, p{
    color:rgb(173, 188, 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(173, 188, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 188, 135) }
```

Border

The CSS property to change the border of an element to RGB 173, 188, 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(173, 188, 135) }
```

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

```
.border{ border-color:rgb(173, 188, 135) }
```

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

Here you see how a box with a 4 pixel rgb(173, 188, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 188, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 188, 135); box-shadow:4px 4px 4px 4px rgb(173, 188, 135) }
```

Background

The CSS property to change the background color of an element to RGB 173, 188, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(173, 188, 135) }
```

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

```
.background{ background-color:rgb(173,
188, 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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