Converting Colors

RGB(175, 198, 139)

Have a look what the booklet for RGB(175, 198, 139) contains.

Color

RGB(175, 198, 139)

Conversions

Conversions Part 1

Format	Color
Hex	AFC68B
RGB	175, 198, 139
RGB Percent	69%, 78%, 55%
CMY	0.3137, 0.2235, 0.4549
CMYK	0.12, 0.00, 0.30, 0.22
HSL	83°, 34%, 66%
HSV	83°, 30%, 78%
XYZ	42.5335, 51.3662, 32.0990
YIQ	184.3970, 5.2310, -23.2250

Conversions

Conversions Part 2

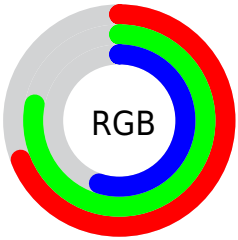
Format	Color
RYB	139, 198, 162
Decimal	11519627
CIELab	76.90, -17.99, 27.06
CIELCh	77, 32.497, 123.611
Yxy	51.3662, 0.3376, 0.4077
Android (android.graphics.Color)	4289709707 (0xFFAFC68B)
YUV	184.3970, -22.3807, -8.2412
Hunter-Lab	71.6702, -19.4901, 23.6149

Details

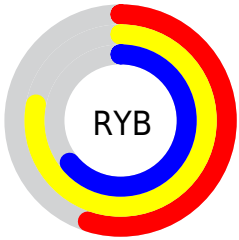
The RGB color 175, 198, 139 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 162, 139, 198, and the grayscale version is 185, 185, 185.

A 20% lighter version of the original color is 231, 255, 193, and 122, 144, 88 is the 20% darker color. If you saturate the color by 10%, you get 167, 198, 119, and if you desaturate by 10%, it is 183, 198, 159.

Distribution

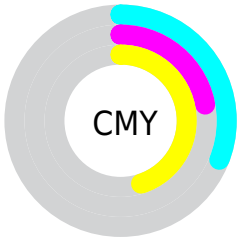


- Red (69%)
- Green (78%)
- Blue (55%)



- Red (55%)
- Yellow (78%)
- Blue (64%)

- Cyan (12%)
- Magenta (0%)
- Yellow (30%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 198, 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 175, 198, 139 by changing the saturation by 10% instead.

175, 198, 139

255, 255, 255

231, 255, 193

255, 255, 221

255, 255, 250

175, 198, 139

148, 171, 113

122, 144, 88

96, 118, 64

72, 94, 41

48, 70, 19

27, 47, 0

0, 28, 0

0, 0, 0

175, 198, 139

175, 198, 139

167, 198, 119

160, 198, 99

152, 198, 80

144, 198, 60

136, 198, 40

129, 198, 20

121, 198, 0

121, 198, 0

183, 198, 159

190, 198, 179

198, 198, 198

206, 198, 218

214, 198, 238

221, 198, 255

229, 198, 255

237, 198, 255

244, 198, 255

Harmonies

Analogous

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

207, 189, 130

175, 198, 139

140, 204, 162

Triad

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

175, 198, 139

114, 200, 243

248, 167, 187

Complementary

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

175, 198, 139

162, 139, 198

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.

231, 171, 217

175, 198, 139

156, 191, 249

Square

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

175, 198, 139

93, 205, 222

199, 181, 240

248, 170, 158

Rectangle

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

175, 198, 139

117, 206, 182

199, 181, 240

244, 168, 198

Sweetspot

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

175, 198, 139

246, 255, 232

198, 162, 139

122, 128, 113

0, 0, 0

128, 128, 128

Same Dimension

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

175, 198, 139

219, 255, 163

146, 198, 139

96, 99, 90

100, 163, 0

22, 36, 0

Inverse Universe

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

162, 139, 198

199, 163, 255

191, 139, 198

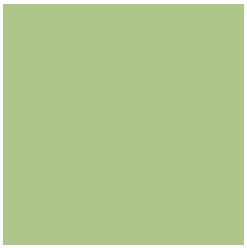
93, 90, 99

64, 0, 163

14, 0, 36

Previews

White Background

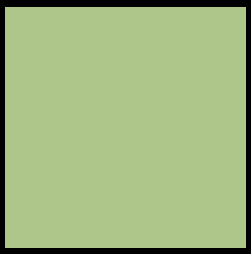


This preview shows how the RGB color 175, 198, 139 looks on a white background.

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



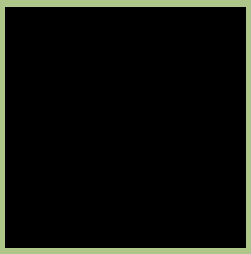
This preview shows how the RGB color 175, 198, 139 looks on a black background.

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 175, 198, 139 Background



This preview shows how black text looks on a background with the RGB color 175, 198, 139.

This preview shows how white text looks on a background with the RGB color 175, 198, 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

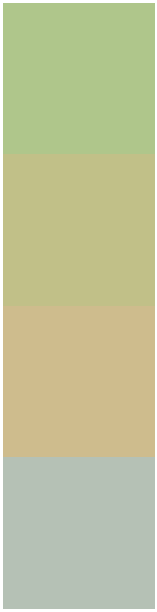
Original Color
175, 198, 139

Protanopia
204, 189, 135

Deuteranopia
223, 182, 142

Tritanopia
184, 190, 205

Trichromacy



Original Color
175, 198, 139

Protanomaly
193, 192, 136

Deuteranomaly
206, 188, 141

Tritanomaly
181, 193, 181

Monochromacy

Original Color
175, 198, 139

Achromatopsia
184, 184, 184

Achromatomaly
181, 189, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 198, 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(175, 198, 139) looks like.

```
.text, #text, p{
    color:rgb(175, 198, 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(175, 198, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 198, 139) }
```

Border

The CSS property to change the border of an element to RGB 175, 198, 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(175, 198, 139) }
```

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

```
.border{ border-color:rgb(175, 198, 139) }
```

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

Here you see how a box with a 4 pixel rgb(175, 198, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 198, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 198, 139); box-shadow:4px 4px 4px 4px rgb(175, 198, 139) }
```

Background

The CSS property to change the background color of an element to RGB 175, 198, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(175, 198, 139) }
```

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

```
.background{ background-color:rgb(175,
198, 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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