

Converting Colors

RGB(191, 196, 165)

Have a look what the booklet for
RGB(191, 196, 165) contains.

RGB(191, 196, 165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(191, 196, 165)

Conversions

Conversions Part 1

Format	Color
Hex	BFC4A5
RGB	191, 196, 165
RGB Percent	75%, 77%, 65%
CMY	0.2510, 0.2314, 0.3529
CMYK	0.03, 0.00, 0.16, 0.23
HSL	70°, 21%, 71%
HSV	70°, 16%, 77%
XYZ	48.0173, 53.2728, 43.3492
YIQ	190.9710, 6.9710, -10.7010

Conversions

Conversions Part 2

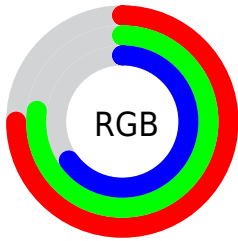
Format	Color
RYB	165, 196, 170
Decimal	12567717
CIELab	78.04, -7.11, 15.00
CIELCh	78, 16.598, 115.351
Yxy	53.2728, 0.3320, 0.3683
Android (android.graphics.Color)	4290757797 (0xFFBFC4A5)
YUV	190.9710, -12.8037, 0.0254
Hunter-Lab	72.9882, -10.2983, 15.8782

Details

The RGB color **191, 196, 165** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **170, 165, 196**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **247, 253, 220**, and **137, 142, 113** is the 20% darker color. If you saturate the color by 10%, you get **188, 196, 145**, and if you desaturate by 10%, it is **194, 196, 185**.

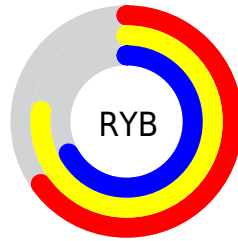
Distribution



Red (75%)

Green (77%)

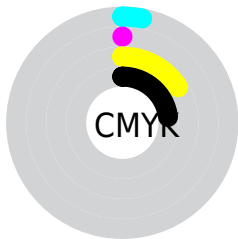
Blue (65%)



Red (65%)

Yellow (77%)

Blue (67%)

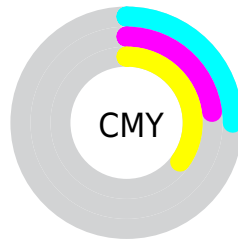


Cyan (3%)

Magenta (0%)

Yellow (16%)

Black (23%)



Cyan (25%)


Magenta (23%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 196, 165 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 191, 196, 165 by changing the saturation by 10% instead.


 191, 196, 165

255, 255, 255

 247, 253, 220

 255, 255, 249

 191, 196, 165


 164, 169, 139

 137, 142, 113

 112, 117, 89


 87, 92, 65


 64, 69, 43

 41, 46, 22

 22, 26, 0

 0, 0, 0

 191, 196, 165

 191, 196, 165

■ 188, 196, 145

■ 194, 196, 185

■ 185, 196, 126

■ 197, 196, 204

■ 182, 196, 106

■ 200, 196, 224

■ 178, 196, 87

■ 204, 196, 243

■ 175, 196, 67

■ 207, 196, 255

■ 172, 196, 47

■ 210, 196, 255

■ 169, 196, 28

■ 213, 196, 255

■ 166, 196, 8

■ 216, 196, 255

■ 164, 196, 0

■ 219, 196, 255

Harmonies

Analogous

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



208, 191, 162



191, 196, 165



173, 200, 175

Triad

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



191, 196, 165



158, 199, 218



223, 183, 196

Complementary

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



191, 196, 165



170, 165, 196

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.



211, 185, 211



191, 196, 165



173, 195, 223

Square

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



191, 196, 165



153, 202, 205



193, 190, 221



226, 183, 180

Rectangle

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



191, 196, 165



163, 201, 185



193, 190, 221



220, 183, 201

Sweetspot

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



191, 196, 165



253, 255, 242



196, 170, 165



126, 128, 120



0, 0, 0



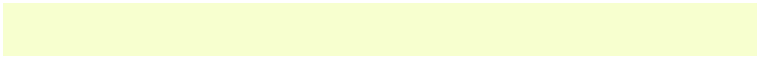
128, 128, 128

Same Dimension

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



191, 196, 165



247, 255, 207



176, 196, 165



95, 97, 87



135, 161, 0



28, 33, 0

Inverse Universe

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



170, 165, 196



214, 207, 255



185, 165, 196



89, 87, 97



26, 0, 161



5, 0, 33

Previews

White Background



This preview shows how the RGB color 191, 196, 165 looks on a white background.

Color Contrast Check

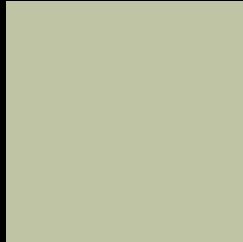
Large Text (above 18pt) WCAG AA × Fail

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 191, 196, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

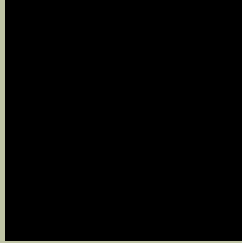
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

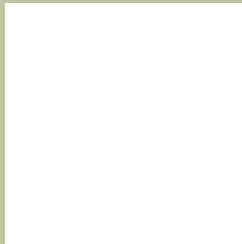
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 191, 196, 165 Background



This preview shows how black text looks on a background with the RGB color 191, 196, 165.



This preview shows how white text looks on a background with the RGB color 191, 196, 165.

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
191, 196, 165

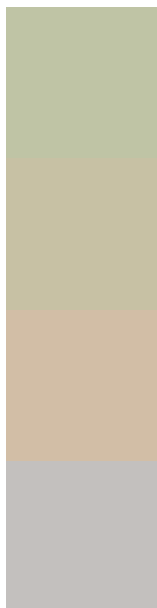
Protanopia
203, 192, 163

Deuteranopia
221, 186, 167



Tritanopia
197, 190, 205

Trichromacy



Original Color

191, 196, 165

Protanomaly

199, 193, 164

Deuteranomaly

210, 190, 166

Tritanomaly

195, 192, 190

Monochromacy



Original Color

191, 196, 165

Achromatopsia

191, 191, 191

Achromatomaly

191, 193, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 196, 165 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(191, 196, 165)` looks like.

```
.text, #text, p{  
    color:rgb(191, 196, 165)  
}
```

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(191, 196, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 196, 165) }
```

Border

The CSS property to change the border of an element to RGB 191, 196, 165 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(191, 196, 165) }
```

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

```
.border{ border-color:rgb(191, 196, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 196, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 196, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 196, 165);  
box-shadow:4px 4px 4px 4px rgb(191, 196,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 191, 196, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 196, 165) }
```

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

```
.background{ background-color: rgb(191,  
196, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor