

Converting Colors

RGB(203, 176, 138)

Have a look what the booklet for
RGB(203, 176, 138) contains.

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Color

RGB(203, 176, 138)

Conversions

Conversions Part 1

Format	Color
Hex	CBB08A
RGB	203, 176, 138
RGB Percent	80%, 69%, 54%
CMY	0.2039, 0.3098, 0.4588
CMYK	0.00, 0.13, 0.32, 0.20
HSL	35°, 38%, 67%
HSV	35°, 32%, 80%
XYZ	44.7414, 45.5822, 30.4849
YIQ	179.7410, 28.2900, -6.0940

Conversions

Conversions Part 2

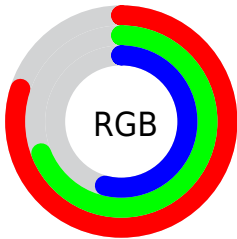
Format	Color
RYB	184, 203, 138
Decimal	13349002
CIELab	73.27, 4.15, 23.08
CIELCh	73, 23.451, 79.807
Yxy	45.5822, 0.3703, 0.3773
Android (android.graphics.Color)	4291539082 (0xFFCBB08A)
YUV	179.7410, -20.5783, 20.3981
Hunter-Lab	67.5146, 0.1401, 20.4890

Details

The RGB color **203, 176, 138** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **138, 165, 203**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 232, 192**, and **148, 124, 88** is the 20% darker color. If you saturate the color by 10%, you get **203, 168, 118**, and if you desaturate by 10%, it is **203, 184, 158**.

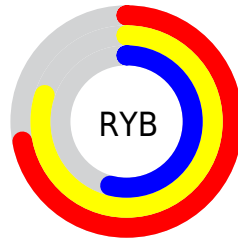
Distribution



Red (80%)

Green (69%)

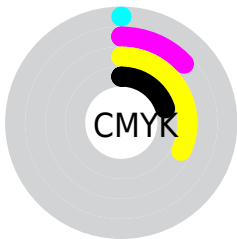
Blue (54%)



Red (72%)

Yellow (80%)

Blue (54%)

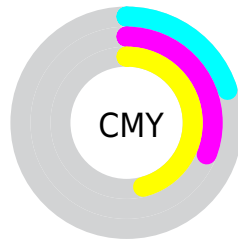


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (20%)



Cyan (20%)

Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 176, 138 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 203, 176, 138 by changing the saturation by 10% instead.

 203, 176, 138

 203, 176, 138


255, 255, 255

 175, 149, 112

 255, 232, 192


 148, 124, 88

 255, 255, 220

 121, 99, 64

 255, 255, 248

 96, 75, 42

 71, 52, 20

 48, 31, 0

 24, 8, 0


 0, 0, 0

 203, 176, 138


 203, 176, 138

 203, 168, 118


 203, 184, 158

 203, 159, 97


 203, 193, 179

 203, 151, 77


 203, 201, 199

 203, 142, 57

 203, 210, 219

 203, 134, 36

 203, 218, 240

 203, 125, 16

 203, 227, 255

 203, 119, 0

 203, 235, 255

 203, 243, 255

 203, 252, 255

Harmonies

Analogous

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



219, 169, 148



203, 176, 138



181, 183, 139

Triad

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



203, 176, 138



120, 192, 194



200, 170, 208

Complementary

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



203, 176, 138



138, 165, 203

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.



174, 177, 220



203, 176, 138



123, 189, 212

Square

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



203, 176, 138



134, 192, 172



145, 184, 222



218, 165, 188

Rectangle

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



203, 176, 138



165, 187, 146



145, 184, 222



192, 172, 213

Sweetspot

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



203, 176, 138



255, 244, 230



203, 138, 165



128, 121, 112



0, 0, 0



128, 128, 128

Same Dimension

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



203, 176, 138



255, 215, 158



198, 203, 138



102, 98, 92



166, 97, 0



38, 22, 0

Inverse Universe

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



138, 165, 203



158, 198, 255



143, 138, 203



92, 96, 102



0, 69, 166



0, 16, 38

Previews

White Background



This preview shows how the RGB color 203, 176, 138 looks on a white background.

Color Contrast Check

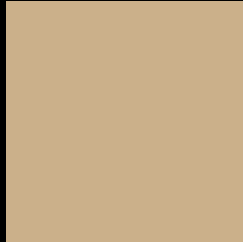
Large Text (above 18pt) WCAG AA × Fail

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 203, 176, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

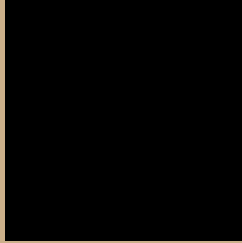
Any Text WCAG AA ✓ Pass

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 203, 176, 138 Background



This preview shows how black text looks on a background with the RGB color 203, 176, 138.



This preview shows how white text looks on a background with the RGB color 203, 176, 138.

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
203, 176, 138

Protanopia
192, 180, 140

Deuteranopia
211, 173, 139



Tritanopia
208, 170, 183

Trichromacy



Original Color

203, 176, 138

Protanomaly

196, 179, 139

Deuteranomaly

208, 174, 139

Tritanomaly

206, 172, 167

Monochromacy



Original Color

203, 176, 138

Achromatopsia

180, 180, 180

Achromatomaly

188, 179, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 176, 138 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(203, 176, 138)` looks like.

```
.text, #text, p{  
    color:rgb(203, 176, 138)  
}
```

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(203, 176, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 176, 138) }
```

Border

The CSS property to change the border of an element to RGB 203, 176, 138 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(203, 176, 138) }
```

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

```
.border{ border-color:rgb(203, 176, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 176, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 176, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 176, 138);  
box-shadow:4px 4px 4px 4px rgb(203, 176,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 203, 176, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 176, 138) }
```

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

```
.background{ background-color: rgb(203,  
176, 138) }
```

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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