

Converting Colors

RGB(203, 173, 108)

Have a look what the booklet for
RGB(203, 173, 108) contains.

RGB(203, 173, 108)	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(203, 173, 108)

Conversions

Conversions Part 1

Format	Color
Hex	CBAD6C
RGB	203, 173, 108
RGB Percent	80%, 68%, 42%
CMY	0.2039, 0.3216, 0.5765
CMYK	0.00, 0.15, 0.47, 0.20
HSL	41°, 48%, 61%
HSV	41°, 47%, 80%
XYZ	42.2789, 43.6664, 20.3875
YIQ	174.5600, 38.7450, -13.8550

Conversions

Conversions Part 2

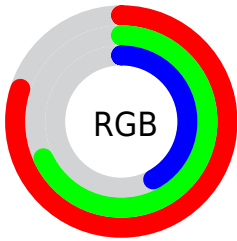
Format	Color
RYB	152, 203, 108
Decimal	13348204
CIELab	72.00, 2.35, 37.31
CIELCh	72, 37.388, 86.400
Yxy	43.6664, 0.3976, 0.4107
Android (android.graphics.Color)	4291538284 (0xFFCBAD6C)
YUV	174.5600, -32.8141, 24.9419
Hunter-Lab	66.0805, -1.4349, 27.9639

Details

The RGB color **203, 173, 108** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **108, 138, 203**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 228, 160**, and **147, 121, 59** is the 20% darker color. If you saturate the color by 10%, you get **203, 167, 88**, and if you desaturate by 10%, it is **203, 179, 128**.

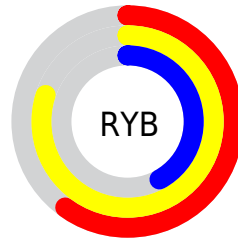
Distribution



Red (80%)

Green (68%)

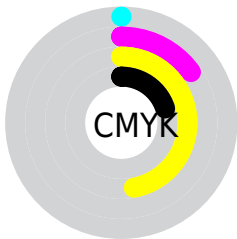
Blue (42%)



Red (60%)

Yellow (80%)

Blue (42%)

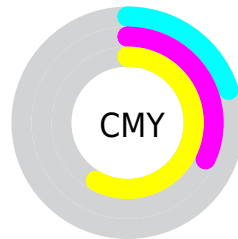


Cyan (0%)

Magenta (15%)

Yellow (47%)

Black (20%)



Cyan (20%)

Magenta (32%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 173, 108 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, 173, 108 by changing the saturation by 10% instead.

 203, 173, 108


255, 255, 255

 255, 228, 160

 255, 255, 188

 255, 255, 216


 255, 255, 244

 203, 173, 108

 175, 147, 83

 147, 121, 59

 120, 96, 35

 93, 73, 10

 69, 50, 0

 43, 30, 0

 16, 5, 0

 0, 0, 0

 203, 173, 108

 203, 173, 108

■ 203, 167, 88

■ 203, 179, 128

■ 203, 160, 67

■ 203, 186, 149

■ 203, 154, 47

■ 203, 192, 169

■ 203, 147, 27

■ 203, 199, 189

■ 203, 141, 7

■ 203, 205, 210

■ 203, 139, 0

■ 203, 211, 230

■ 203, 218, 250

■ 203, 224, 255

■ 203, 231, 255

Harmonies

Analogous

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



229, 161, 121



203, 173, 108



168, 184, 114

Triad

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



203, 173, 108



43, 194, 206



216, 157, 215

Complementary

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



203, 173, 108



108, 138, 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.



175, 169, 238



203, 173, 108



63, 190, 232

Square

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



203, 173, 108



84, 195, 171



121, 181, 244



239, 150, 182

Rectangle

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



203, 173, 108



142, 189, 128



121, 181, 244



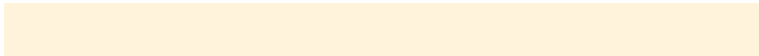
204, 161, 224

Sweetspot

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



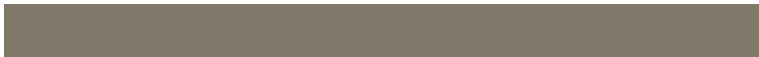
203, 173, 108



255, 244, 219



203, 108, 138



128, 121, 106



0, 0, 0



128, 128, 128

Same Dimension

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



203, 173, 108



255, 210, 112



186, 203, 108



102, 99, 92



166, 113, 0



38, 26, 0

Inverse Universe

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



108, 138, 203



112, 157, 255



125, 108, 203



92, 95, 102



0, 52, 166



0, 12, 38

Previews

White Background



This preview shows how the RGB color 203, 173, 108 looks on a white background.

Color Contrast Check

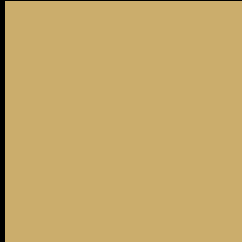
Large Text (above 18pt) WCAG AA × Fail

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, 173, 108 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, 173, 108 Background



This preview shows how black text looks on a background with the RGB color 203, 173, 108.

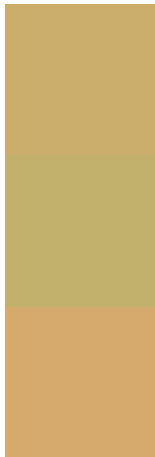


This preview shows how white text looks on a background with the RGB color 203, 173, 108.

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, 173, 108

Protanopia
193, 177, 109

Deuteranopia
214, 169, 109



Tritanopia
210, 165, 177

Trichromacy



Original Color
203, 173, 108

Protanomaly
197, 176, 109

Deuteranomaly
210, 170, 109

Tritanomaly
207, 168, 152

Monochromacy



Original Color
203, 173, 108

Achromatopsia
175, 175, 175

Achromatomaly
185, 174, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 173, 108 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, 173, 108)` looks like.

```
.text, #text, p{  
    color:rgb(203, 173, 108)  
}
```

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, 173, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 173, 108) }
```

Border

The CSS property to change the border of an element to RGB 203, 173, 108 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, 173, 108) }
```

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

```
.border{ border-color:rgb(203, 173, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 173, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 173, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 173, 108);  
box-shadow:4px 4px 4px 4px rgb(203, 173,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 203, 173, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 173, 108) }
```

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

```
.background{ background-color: rgb(203,  
173, 108) }
```

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