

Converting Colors

RGB(200, 172, 117)

Have a look what the booklet for
RGB(200, 172, 117) contains.

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Color

RGB(200, 172, 117)

Conversions

Conversions Part 1

Format	Color
Hex	C8AC75
RGB	200, 172, 117
RGB Percent	78%, 67%, 46%
CMY	0.2157, 0.3255, 0.5412
CMYK	0.00, 0.14, 0.42, 0.22
HSL	40°, 43%, 62%
HSV	40°, 42%, 78%
XYZ	41.7828, 43.0688, 22.9405
YIQ	174.1020, 34.3430, -11.1690

Conversions

Conversions Part 2

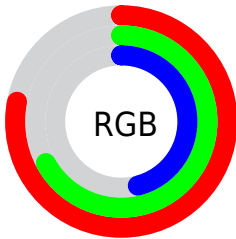
Format	Color
RYB	159, 200, 117
Decimal	13151349
CIELab	71.60, 2.59, 32.03
CIELCh	72, 32.133, 85.382
Yxy	43.0688, 0.3876, 0.3996
Android (android.graphics.Color)	4291341429 (0xFFC8AC75)
YUV	174.1020, -28.1513, 22.7125
Hunter-Lab	65.6268, -1.2007, 25.2133

Details

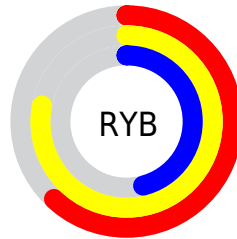
The RGB color **200, 172, 117** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **117, 145, 200**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 227, 170**, and **144, 120, 68** is the 20% darker color. If you saturate the color by 10%, you get **200, 165, 97**, and if you desaturate by 10%, it is **200, 179, 137**.

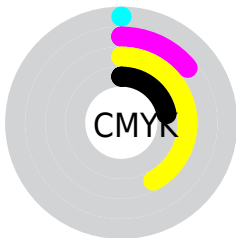
Distribution



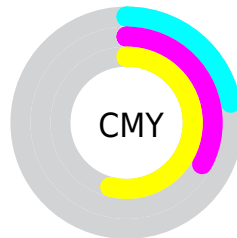
- Red (78%)
- Green (67%)
- Blue (46%)



- Red (62%)
- Yellow (78%)
- Blue (46%)



- Cyan (0%)
- Magenta (14%)
- Yellow (42%)
- Black (22%)




- Cyan (22%)
- Magenta (33%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 172, 117 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 200, 172, 117 by changing the saturation by 10% instead.

 200, 172, 117

255, 255, 255

 255, 227, 170

 255, 255, 197

 255, 255, 225

255, 255, 254

 200, 172, 117

 172, 146, 92

 144, 120, 68

 118, 95, 44

 92, 72, 21


 67, 49, 0

 42, 29, 0

 15, 4, 0

 0, 0, 0

 200, 172, 117

 200, 172, 117

■ 200, 165, 97

■ 200, 179, 137

■ 200, 159, 77

■ 200, 185, 157

■ 200, 152, 57

■ 200, 192, 177

■ 200, 145, 37

■ 200, 199, 197

■ 200, 138, 17

■ 200, 206, 217

■ 200, 133, 0

■ 200, 212, 237

■ 200, 219, 255

■ 200, 226, 255

■ 200, 233, 255

Harmonies

Analogous

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



223, 162, 128



200, 172, 117



170, 181, 122

Triad

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



200, 172, 117



79, 191, 199



208, 160, 209

Complementary

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



200, 172, 117



117, 145, 200

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.



173, 169, 228



200, 172, 117



90, 187, 223

Square

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



200, 172, 117



102, 191, 170



129, 180, 233



229, 154, 181

Rectangle

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



200, 172, 117



147, 186, 133



129, 180, 233



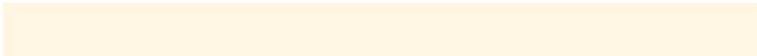
198, 163, 217

Sweetspot

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



200, 172, 117



255, 245, 224



200, 117, 146



128, 121, 110



0, 0, 0



128, 128, 128

Same Dimension

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



200, 172, 117



255, 212, 128



188, 200, 117



99, 96, 90



163, 108, 0



36, 24, 0

Inverse Universe

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



117, 145, 200



128, 171, 255



129, 117, 200



90, 93, 99



0, 55, 163



0, 12, 36

Previews

White Background



This preview shows how the RGB color 200, 172, 117 looks on a white background.

Color Contrast Check

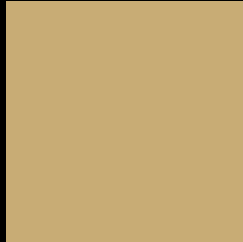
Large Text (above 18pt) WCAG AA × Fail

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 200, 172, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

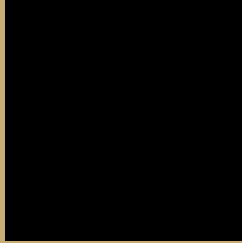
Any Text WCAG AA ✓ Pass

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 200, 172, 117 Background



This preview shows how black text looks on a background with the RGB color 200, 172, 117.

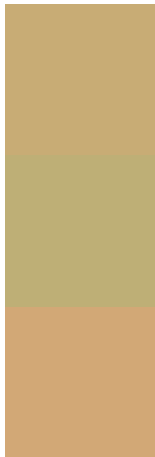


This preview shows how white text looks on a background with the RGB color 200, 172, 117.

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
200, 172, 117

Protanopia
190, 175, 118

Deuteranopia
210, 168, 118



Tritanopia
206, 164, 177

Trichromacy



Original Color

200, 172, 117

Protanomaly

194, 174, 118

Deuteranomaly

206, 169, 118

Tritanomaly

204, 167, 155

Monochromacy



Original Color

200, 172, 117

Achromatopsia

174, 174, 174

Achromatomaly

183, 173, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 172, 117 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(200, 172, 117)` looks like.

```
.text, #text, p{  
    color:rgb(200, 172, 117)  
}
```

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(200, 172, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 172, 117) }
```

Border

The CSS property to change the border of an element to RGB 200, 172, 117 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(200, 172, 117) }
```

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

```
.border{ border-color:rgb(200, 172, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 172, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 172, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 172, 117);  
box-shadow:4px 4px 4px 4px rgb(200, 172,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 200, 172, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 172, 117) }
```

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

```
.background{ background-color: rgb(200,  
172, 117) }
```

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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