

Converting Colors

RGB(208, 171, 137)

Have a look what the booklet for
RGB(208, 171, 137) contains.

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Color

RGB(208, 171, 137)

Conversions

Conversions Part 1

Format	Color
Hex	D0AB89
RGB	208, 171, 137
RGB Percent	82%, 67%, 54%
CMY	0.1843, 0.3294, 0.4627
CMYK	0.00, 0.18, 0.34, 0.18
HSL	29°, 43%, 68%
HSV	29°, 34%, 82%
XYZ	45.0907, 44.3419, 29.8492
YIQ	178.1870, 32.9660, -2.7300

Conversions

Conversions Part 2

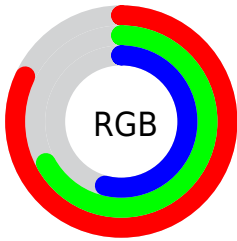
Format	Color
R_{YB}	208, 202, 137
Decimal	13675401
CIE Lab	72.46, 8.68, 22.59
CIE LCh	72, 24.199, 68.975
Yxy	44.3419, 0.3780, 0.3717
Android (android.graphics.Color)	4291865481 (0xFFD0AB89)
YUV	178.1870, -20.3052, 26.1460
Hunter-Lab	66.5897, 4.3380, 20.0357

Details

The RGB color **208, 171, 137** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **137, 174, 208**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 226, 191**, and **152, 119, 87** is the 20% darker color. If you saturate the color by 10%, you get **208, 160, 116**, and if you desaturate by 10%, it is **208, 182, 158**.

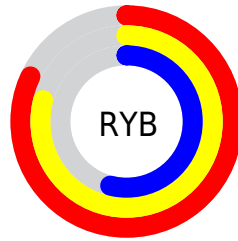
Distribution



Red (82%)

Green (67%)

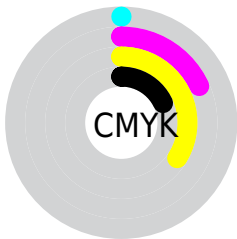
Blue (54%)



Red (82%)

Yellow (79%)

Blue (54%)

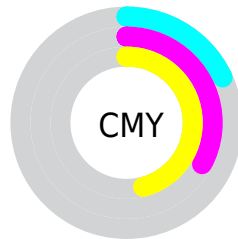


Cyan (0%)

Magenta (18%)

Yellow (34%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 171, 137 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 208, 171, 137 by changing the saturation by 10% instead.

 208, 171, 137


255, 255, 255

 255, 226, 191

 255, 255, 218

 255, 255, 247

 208, 171, 137

 180, 144, 111

 152, 119, 87

 126, 94, 63

 100, 71, 41

 74, 48, 20

 51, 27, 0

 27, 2, 0


 0, 0, 0


 208, 171, 137


 208, 171, 137

 208, 160, 116


 208, 182, 158

 208, 149, 95


 208, 193, 179

 208, 138, 75


 208, 204, 199

 208, 128, 54

 208, 214, 220

 208, 117, 33

 208, 225, 241

 208, 106, 12

 208, 236, 255

 208, 100, 0

 208, 247, 255

 208, 255, 255

Harmonies

Analogous

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



221, 165, 151



208, 171, 137



187, 178, 134

Triad

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



208, 171, 137



119, 190, 184



190, 170, 212

Complementary

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



208, 171, 137



137, 174, 208

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.



160, 177, 221



208, 171, 137



115, 189, 205

Square

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



208, 171, 137



138, 189, 161



131, 184, 218



212, 164, 194

Rectangle

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



208, 171, 137



171, 183, 139



131, 184, 218



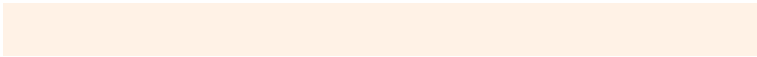
180, 172, 216

Sweetspot

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



208, 171, 137



255, 242, 230



208, 137, 175



128, 120, 112



0, 0, 0



128, 128, 128

Same Dimension

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



208, 171, 137



255, 201, 150



208, 206, 137



105, 99, 94



168, 81, 0



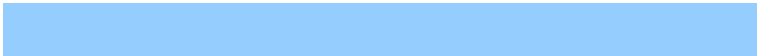
41, 20, 0

Inverse Universe

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



137, 174, 208



150, 205, 255



137, 139, 208



94, 100, 105



0, 88, 168



0, 21, 41

Previews

White Background



This preview shows how the RGB color 208, 171, 137 looks on a white background.

Color Contrast Check

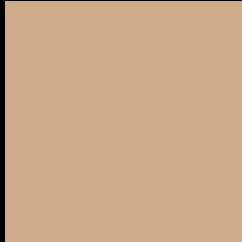
Large Text (above 18pt) WCAG AA × Fail

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 208, 171, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

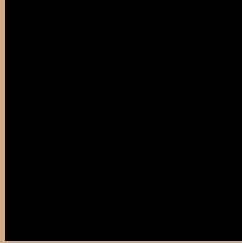
Any Text WCAG AA ✓ Pass

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 208, 171, 137 Background



This preview shows how black text looks on a background with the RGB color 208, 171, 137.



This preview shows how white text looks on a background with the RGB color 208, 171, 137.

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
208, 171, 137

Protanopia
189, 178, 140

Deuteranopia
209, 171, 137



Tritanopia
212, 165, 178

Trichromacy



Original Color

208, 171, 137

Protanomaly

196, 175, 139

Deuteranomaly

209, 171, 137

Tritanomaly

211, 167, 163

Monochromacy



Original Color

208, 171, 137

Achromatopsia

178, 178, 178

Achromatomaly

189, 175, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 171, 137 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(208, 171, 137)` looks like.

```
.text, #text, p{  
    color:rgb(208, 171, 137)  
}
```

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(208, 171, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 171, 137) }
```

Border

The CSS property to change the border of an element to RGB 208, 171, 137 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(208, 171, 137) }
```

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

```
.border{ border-color:rgb(208, 171, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 171, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 171, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 171, 137);  
box-shadow:4px 4px 4px 4px rgb(208, 171,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 208, 171, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 171, 137) }
```

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

```
.background{ background-color: rgb(208,  
171, 137) }
```

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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