

Converting Colors

RGB(208, 171, 127)

Have a look what the booklet for
RGB(208, 171, 127) contains.

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Color

RGB(208, 171, 127)

Conversions

Conversions Part 1

Format	Color
Hex	D0AB7F
RGB	208, 171, 127
RGB Percent	82%, 67%, 50%
CMY	0.1843, 0.3294, 0.5020
CMYK	0.00, 0.18, 0.39, 0.18
HSL	33°, 46%, 66%
HSV	33°, 39%, 82%
XYZ	44.4061, 44.0680, 26.2442
YIQ	177.0470, 36.1760, -5.8400

Conversions

Conversions Part 2

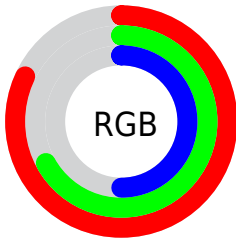
Format	Color
RYB	195, 208, 127
Decimal	13675391
CIELab	72.27, 7.48, 27.73
CIELCh	72, 28.722, 74.895
Yxy	44.0680, 0.3871, 0.3841
Android (android.graphics.Color)	4291865471 (0xFFD0AB7F)
YUV	177.0470, -24.6732, 27.1458
Hunter-Lab	66.3838, 3.2325, 23.0289

Details

The RGB color **208, 171, 127** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **127, 164, 208**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 226, 180**, and **152, 119, 77** is the 20% darker color. If you saturate the color by 10%, you get **208, 161, 106**, and if you desaturate by 10%, it is **208, 181, 148**.

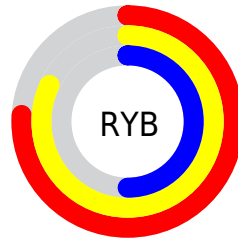
Distribution



Red (82%)

Green (67%)

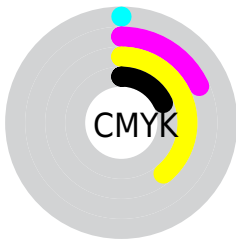
Blue (50%)



Red (76%)

Yellow (82%)

Blue (50%)

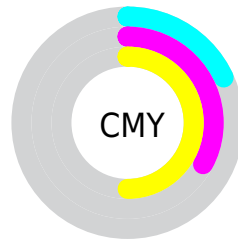


Cyan (0%)

Magenta (18%)

Yellow (39%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 171, 127 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, 127 by changing the saturation by 10% instead.

 208, 171, 127


255, 255, 255

 255, 226, 180

 255, 255, 208

 255, 255, 236

 208, 171, 127

 180, 145, 102

 152, 119, 77

 125, 94, 54

 99, 71, 32


 73, 48, 9

 49, 27, 0

 25, 2, 0


 0, 0, 0


 208, 171, 127


 208, 171, 127

 208, 161, 106


 208, 181, 148

 208, 152, 85


 208, 190, 169

 208, 142, 65

 208, 200, 189

 208, 133, 44

 208, 209, 210

 208, 123, 23

 208, 219, 231

 208, 114, 2

 208, 228, 252

 208, 113, 0

 208, 238, 255

 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.



225, 163, 141



208, 171, 127



183, 180, 126

Triad

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



208, 171, 127



100, 192, 190



197, 166, 215

Complementary

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



208, 171, 127



127, 164, 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.



163, 175, 228



208, 171, 127



99, 189, 213

Square

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



208, 171, 127



123, 191, 163



125, 184, 227



221, 159, 192

Rectangle

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



208, 171, 127



163, 185, 134



125, 184, 227



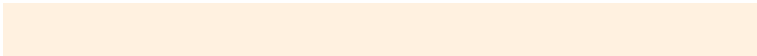
187, 169, 220

Sweetspot

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



208, 171, 127



255, 241, 224



208, 127, 165



128, 119, 110



0, 0, 0



128, 128, 128

Same Dimension

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



208, 171, 127



255, 200, 135



205, 208, 127



105, 100, 94



168, 91, 0



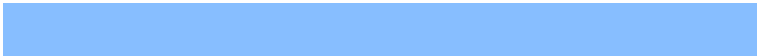
41, 22, 0

Inverse Universe

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



127, 164, 208



135, 190, 255



130, 127, 208



94, 99, 105



0, 77, 168



0, 19, 41

Previews

White Background



This preview shows how the RGB color 208, 171, 127 looks on a white background.

Color Contrast Check

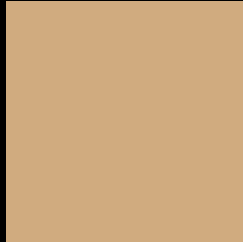
Large Text (above 18pt) WCAG AA × Fail

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, 127 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, 127 Background



This preview shows how black text looks on a background with the RGB color 208, 171, 127.



This preview shows how white text looks on a background with the RGB color 208, 171, 127.

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, 127

Protanopia
191, 177, 130

Deuteranopia
211, 170, 127



Tritanopia
213, 164, 177

Trichromacy



Original Color
208, 171, 127

Protanomaly
197, 175, 129

Deuteranomaly
210, 170, 127

Tritanomaly
211, 167, 159

Monochromacy



Original Color
208, 171, 127

Achromatopsia
177, 177, 177

Achromatomaly
188, 175, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 171, 127 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(208, 171, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 171, 127) }
```

Border

The CSS property to change the border of an element to RGB 208, 171, 127 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, 127) }
```

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

```
.border{ border-color:rgb(208, 171, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 171, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 171, 127);  
box-shadow:4px 4px 4px 4px rgb(208, 171,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 208, 171, 127 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, 127) }
```

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

```
.background{ background-color: rgb(208,  
171, 127) }
```

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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