

Converting Colors

RGB(217, 216, 208)

Have a look what the booklet for
RGB(217, 216, 208) contains.

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Color

RGB(217, 216, 208)

Conversions

Conversions Part 1

Format	Color
Hex	D9D8D0
RGB	217, 216, 208
RGB Percent	85%, 85%, 82%
CMY	0.1490, 0.1529, 0.1843
CMYK	0.00, 0.00, 0.04, 0.15
HSL	53°, 11%, 83%
HSV	53°, 4%, 85%
XYZ	64.5563, 68.4175, 69.4779
YIQ	215.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

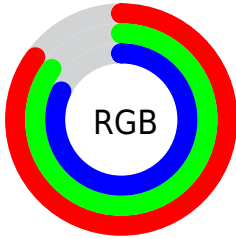
Format	Color
R _Y B	209, 217, 208
Decimal	14276816
CIE Lab	86.21, -1.07, 4.05
CIE LCh	86, 4.188, 104.800
Yxy	68.4175, 0.3189, 0.3379
Android (android.graphics.Color)	4292466896 (0xFFD9D8D0)
YUV	215.3870, -3.6418, 1.4146
Hunter-Lab	82.7149, -5.4375, 8.0987

Details

The RGB color **217, 216, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 209, 217**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **162, 161, 154** is the 20% darker color. If you saturate the color by 10%, you get **217, 214, 186**, and if you desaturate by 10%, it is **217, 218, 230**.

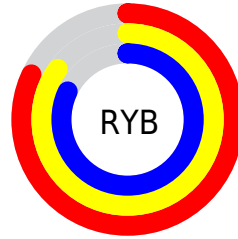
Distribution



Red (85%)

Green (85%)

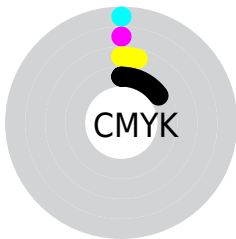
Blue (82%)



Red (82%)

Yellow (85%)

Blue (82%)

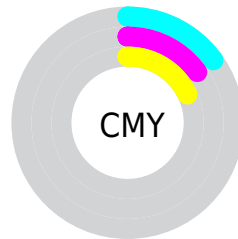


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 216, 208 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 217, 216, 208 by changing the saturation by 10% instead.

■ 217, 216, 208

255, 255, 255

■ 217, 216, 208

■ 189, 188, 180

■ 162, 161, 154

■ 136, 135, 128

■ 111, 110, 103

■ 86, 85, 79

■ 63, 62, 56

■ 41, 40, 34

■ 21, 20, 13

■ 0, 0, 0

 217, 216, 208

 217, 216, 208

 217, 214, 186

 217, 218, 230

 217, 211, 165

 217, 221, 251

 217, 209, 143

 217, 223, 255

 217, 206, 121

 217, 226, 255

 217, 204, 100

 217, 228, 255

 217, 202, 78

 217, 230, 255

 217, 199, 56

 217, 233, 255

 217, 197, 34

 217, 235, 255

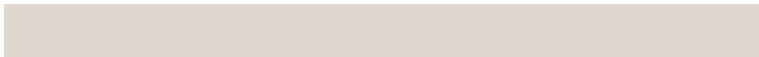
 217, 194, 13

 217, 238, 255

Harmonies

Analogous

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



221, 215, 208



217, 216, 208



212, 217, 210

Triad

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



217, 216, 208



207, 218, 221



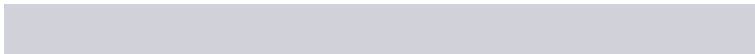
223, 213, 218

Complementary

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



217, 216, 208



208, 209, 217

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.



219, 214, 221



217, 216, 208



210, 217, 223

Square

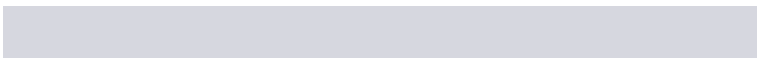
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217, 216, 208



206, 218, 218



214, 215, 223



225, 213, 214

Rectangle

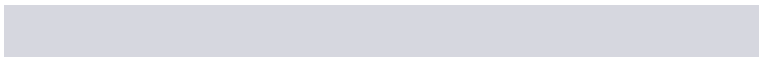
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217, 216, 208



210, 218, 212



214, 215, 223



222, 213, 219

Sweetspot

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



217, 216, 208



255, 255, 252



217, 208, 209



128, 127, 126



0, 0, 0



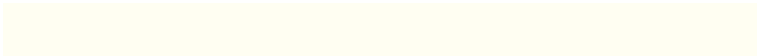
128, 128, 128

Same Dimension

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



217, 216, 208



255, 254, 242



214, 217, 208



110, 109, 103



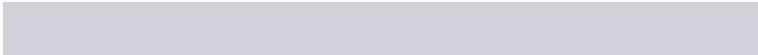
173, 154, 0



46, 41, 0

Inverse Universe

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



208, 209, 217



242, 244, 255



211, 208, 217



103, 104, 110



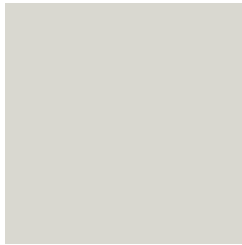
0, 19, 173



0, 5, 46

Previews

White Background



This preview shows how the RGB color 217, 216, 208 looks on a white background.

Color Contrast Check

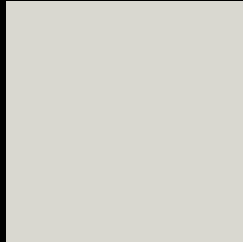
Large Text (above 18pt) WCAG AA × Fail

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 217, 216, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

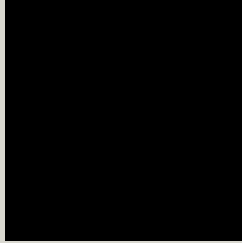
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

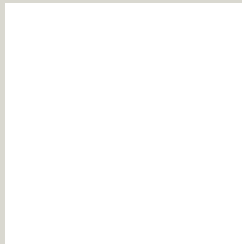
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 217, 216, 208 Background



This preview shows how black text looks on a background with the RGB color 217, 216, 208.

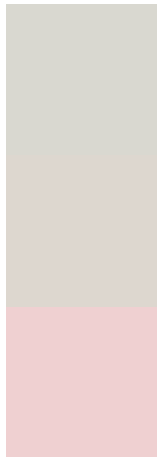


This preview shows how white text looks on a background with the RGB color 217, 216, 208.

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](#).

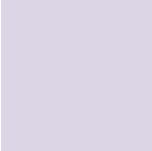
Dichromacy



Original Color
[217, 216, 208](#)

Protanopia
[221, 215, 207](#)

Deuteranopia
[239, 208, 209](#)



Tritanopia
220, 213, 230

Trichromacy



Original Color

217, 216, 208

Protanomaly

220, 215, 207

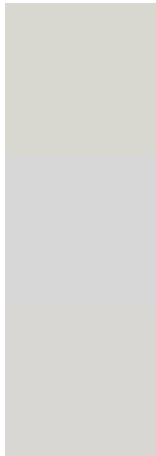
Deuteranomaly

231, 211, 209

Tritanomaly

219, 214, 222

Monochromacy



Original Color

217, 216, 208

Achromatopsia

215, 215, 215

Achromatomaly

216, 215, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 216, 208 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(217, 216, 208) looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 208)  
}
```

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(217, 216, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 208) }
```

Border

The CSS property to change the border of an element to RGB 217, 216, 208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

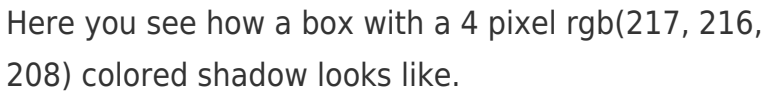
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 216, 208) }
```

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

```
.border{ border-color:rgb(217, 216, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 216, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 216, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 216, 208); box-shadow:4px 4px 4px 4px rgb(217, 216, 208) }
```

Background

The CSS property to change the background color of an element to RGB 217, 216, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 208) }
```

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

```
.background{ background-color: rgb(217,  
216, 208) }
```

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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