

Converting Colors

RGB(226, 217, 204)

Have a look what the booklet for
RGB(226, 217, 204) contains.

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Color

RGB(226, 217, 204)

Conversions

Conversions Part 1

Format	Color
Hex	E2D9CC
RGB	226, 217, 204
RGB Percent	89%, 85%, 80%
CMY	0.1137, 0.1490, 0.2000
CMYK	0.00, 0.04, 0.10, 0.11
HSL	35°, 27%, 84%
HSV	35°, 10%, 89%
XYZ	67.0760, 70.1541, 67.1326
YIQ	218.2090, 9.5370, -2.1350

Conversions

Conversions Part 2

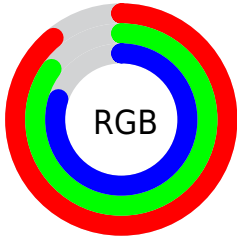
Format	Color
R _Y B	219, 226, 204
Decimal	14866892
CIE Lab	87.07, 0.88, 7.49
CIE LCh	87, 7.538, 83.303
Yxy	70.1541, 0.3282, 0.3433
Android (android.graphics.Color)	4293056972 (0xFFE2D9CC)
YUV	218.2090, -7.0050, 6.8327
Hunter-Lab	83.7580, -3.6284, 11.1094

Details

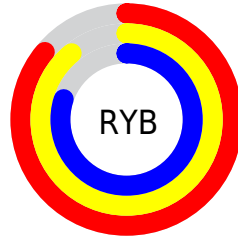
The RGB color **226, 217, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204, 213, 226**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 162, 150** is the 20% darker color. If you saturate the color by 10%, you get **226, 208, 181**, and if you desaturate by 10%, it is **226, 226, 227**.

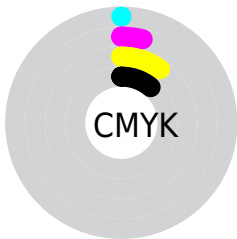
Distribution



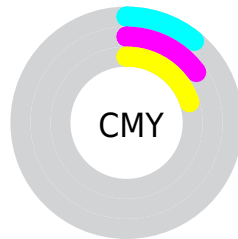
- Red (89%)
- Green (85%)
- Blue (80%)



- Red (86%)
- Yellow (89%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 217, 204 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 226, 217, 204 by changing the saturation by 10% instead.

■ 226, 217, 204

255, 255, 255

■ 226, 217, 204

■ 198, 189, 177

■ 171, 162, 150

■ 144, 136, 124

■ 118, 111, 99

■ 94, 86, 75

■ 70, 63, 53

■ 47, 41, 31

■ 27, 21, 8

■ 0, 0, 0

 226, 217, 204

 226, 217, 204

 226, 208, 181

 226, 226, 227

 226, 199, 159


 226, 235, 249

 226, 189, 136


 226, 245, 255

 226, 180, 114

 226, 254, 255

 226, 171, 91

 226, 255, 255

 226, 162, 68

 226, 152, 46

 226, 143, 23

 226, 134, 1

Harmonies

Analogous

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



232, 215, 207



226, 217, 204



218, 219, 205

Triad

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



226, 217, 204



201, 222, 223



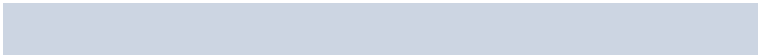
226, 215, 227

Complementary

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



226, 217, 204



204, 213, 226

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.



218, 217, 231



226, 217, 204



203, 221, 229

Square

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



226, 217, 204



203, 222, 216



209, 219, 232



232, 213, 220

Rectangle

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



226, 217, 204



212, 221, 208



209, 219, 232



223, 215, 229

Sweetspot

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



226, 217, 204



255, 252, 247



226, 204, 213



128, 125, 122



0, 0, 0



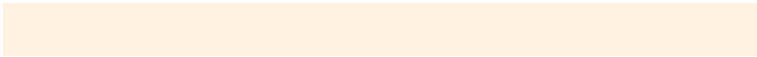
128, 128, 128

Same Dimension

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



226, 217, 204



255, 242, 224



224, 226, 204



112, 108, 101



176, 104, 0



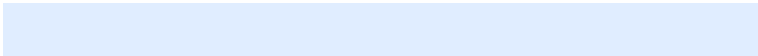
48, 29, 0

Inverse Universe

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



204, 213, 226



224, 237, 255



206, 204, 226



101, 106, 112



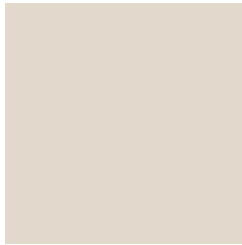
0, 72, 176



0, 20, 48

Previews

White Background



This preview shows how the RGB color 226, 217, 204 looks on a white background.

Color Contrast Check

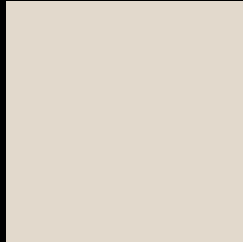
Large Text (above 18pt) WCAG AA × Fail

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 226, 217, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

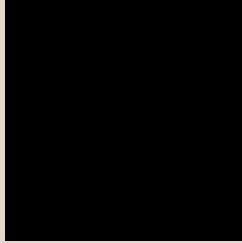
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

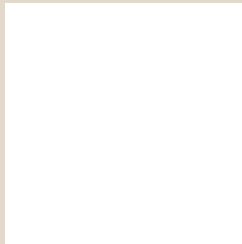
Any Text WCAG AAA ✓ Pass

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

RGB 226, 217, 204 Background



This preview shows how black text looks on a background with the RGB color 226, 217, 204.

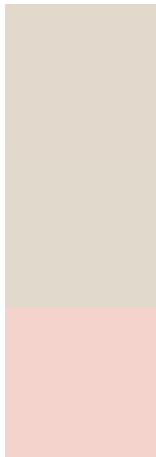


This preview shows how white text looks on a background with the RGB color 226, 217, 204.

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
226, 217, 204

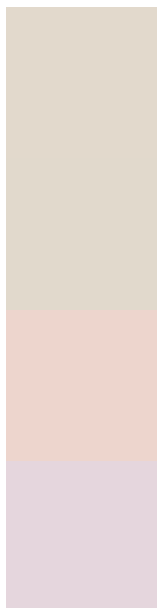
Protanopia
225, 217, 204

Deuteranopia
244, 211, 205



Tritanopia
230, 213, 230

Trichromacy



Original Color

226, 217, 204

Protanomaly

225, 217, 204

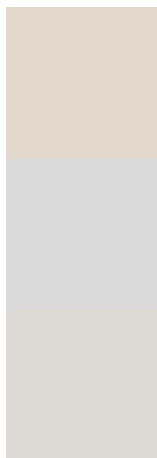
Deuteranomaly

237, 213, 205

Tritanomaly

229, 214, 221

Monochromacy



Original Color

226, 217, 204

Achromatopsia

218, 218, 218

Achromatomaly

221, 218, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 217, 204 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(226, 217, 204) looks like.

```
.text, #text, p{  
    color:rgb(226, 217, 204)  
}
```

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(226, 217, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 217, 204) }
```

Border

The CSS property to change the border of an element to RGB 226, 217, 204 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(226, 217, 204) }
```

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

```
.border{ border-color:rgb(226, 217, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 217, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 217, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 217, 204);  
box-shadow:4px 4px 4px 4px rgb(226, 217,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 226, 217, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 217, 204) }
```

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

```
.background{ background-color: rgb(226,  
217, 204) }
```

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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