

Converting Colors

RGB(228, 225, 205)

Have a look what the booklet for
RGB(228, 225, 205) contains.

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Color

RGB(228, 225, 205)

Conversions

Conversions Part 1

Format	Color
Hex	E4E1CD
RGB	228, 225, 205
RGB Percent	89%, 88%, 80%
CMY	0.1059, 0.1176, 0.1961
CMYK	0.00, 0.01, 0.10, 0.11
HSL	52°, 30%, 85%
HSV	52°, 10%, 89%
XYZ	69.9396, 74.7522, 68.5000
YIQ	223.6170, 8.2080, -5.5840

Conversions

Conversions Part 2

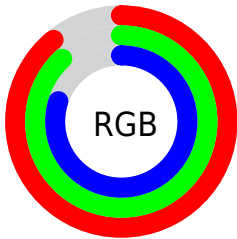
Format	Color
R _Y B	208, 228, 205
Decimal	15000013
CIE Lab	89.28, -2.38, 10.14
CIE LCh	89, 10.414, 103.187
Yxy	74.7522, 0.3281, 0.3506
Android (android.graphics.Color)	4293190093 (0xFFE4E1CD)
YUV	223.6170, -9.1782, 3.8439
Hunter-Lab	86.4593, -6.9098, 13.5473

Details

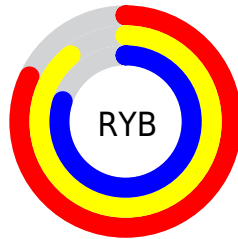
The RGB color **228, 225, 205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205, 208, 228**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **173, 170, 151** is the 20% darker color. If you saturate the color by 10%, you get **228, 222, 182**, and if you desaturate by 10%, it is **228, 228, 228**.

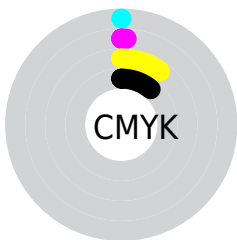
Distribution



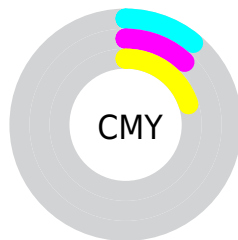
- Red (89%)
- Green (88%)
- Blue (80%)



- Red (82%)
- Yellow (89%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 225, 205 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 228, 225, 205 by changing the saturation by 10% instead.

■ 228, 225, 205

255, 255, 255

■ 228, 225, 205

■ 200, 197, 178

■ 173, 170, 151

■ 146, 143, 125

■ 120, 118, 100

■ 95, 93, 76

■ 71, 70, 53

■ 49, 47, 32

■ 28, 27, 9

■ 0, 0, 0

 228, 225, 205

 228, 225, 205

 228, 222, 182

 228, 228, 228

 228, 219, 159


 228, 231, 251

 228, 216, 137

 228, 234, 255

 228, 213, 114

 228, 237, 255

 228, 210, 91

 228, 240, 255

 228, 207, 68

 228, 243, 255

 228, 204, 45

 228, 246, 255

 228, 201, 23

 228, 249, 255

 228, 198, 0

 228, 252, 255

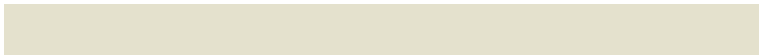
Harmonies

Analogous

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



238, 222, 206



228, 225, 205



216, 228, 210

Triad

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



228, 225, 205



201, 229, 237



241, 218, 230

Complementary

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



228, 225, 205



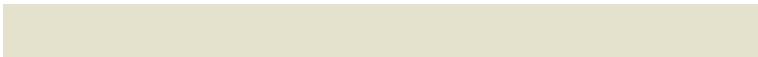
205, 208, 228

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.



232, 220, 239



228, 225, 205



208, 227, 243

Square

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



228, 225, 205



200, 230, 228



219, 224, 243



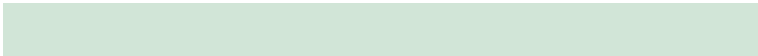
246, 218, 220

Rectangle

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



228, 225, 205



209, 229, 215



219, 224, 243



239, 219, 233

Sweetspot

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



228, 225, 205



255, 254, 247



228, 205, 208



128, 127, 122



0, 0, 0



128, 128, 128

Same Dimension

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



228, 225, 205



255, 251, 224



220, 228, 205



115, 113, 103



179, 155, 0



51, 44, 0

Inverse Universe

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



205, 208, 228



224, 228, 255



213, 205, 228



103, 105, 115



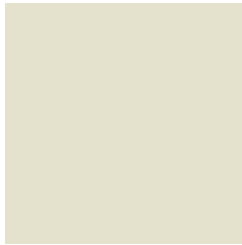
0, 23, 179



0, 7, 51

Previews

White Background



This preview shows how the RGB color 228, 225, 205 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 228, 225, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

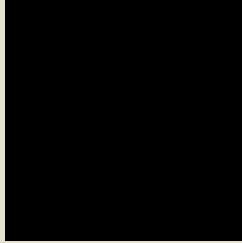
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

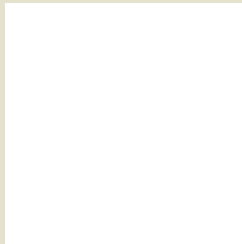
Any Text WCAG AAA ✓ Pass

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

RGB 228, 225, 205 Background



This preview shows how black text looks on a background with the RGB color 228, 225, 205.

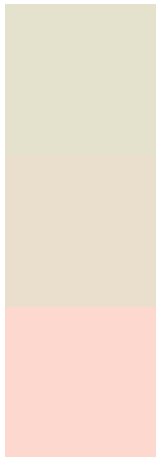


This preview shows how white text looks on a background with the RGB color 228, 225, 205.

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
228, 225, 205

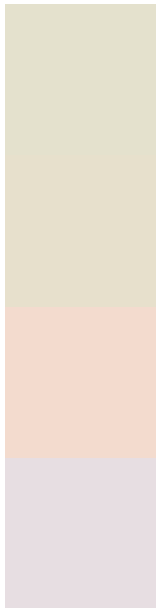
Protanopia
233, 223, 204

Deuteranopia
252, 216, 207



Tritanopia
233, 220, 238

Trichromacy



Original Color

228, 225, 205

Protanomaly

231, 224, 204

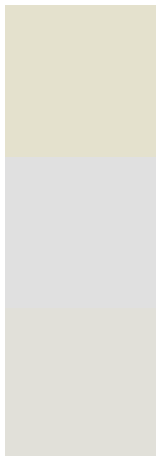
Deuteranomaly

243, 219, 206

Tritanomaly

231, 222, 226

Monochromacy



Original Color

228, 225, 205

Achromatopsia

224, 224, 224

Achromatomaly

225, 224, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 225, 205 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(228, 225, 205)` looks like.

```
.text, #text, p{  
    color:rgb(228, 225, 205)  
}
```

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(228, 225, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 225, 205) }
```

Border

The CSS property to change the border of an element to RGB 228, 225, 205 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(228, 225, 205) }
```

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

```
.border{ border-color:rgb(228, 225, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 225, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 225, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 225, 205);  
box-shadow:4px 4px 4px 4px rgb(228, 225,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 228, 225, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 225, 205) }
```

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

```
.background{ background-color: rgb(228,  
225, 205) }
```

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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