

Converting Colors

RGB(236, 215, 207)

Have a look what the booklet for
RGB(236, 215, 207) contains.

RGB(236, 215, 207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(236, 215, 207)

Conversions

Conversions Part 1

Format	Color
Hex	ECD7CF
RGB	236, 215, 207
RGB Percent	93%, 84%, 81%
CMY	0.0745, 0.1569, 0.1882
CMYK	0.00, 0.09, 0.12, 0.07
HSL	17°, 43%, 87%
HSV	17°, 12%, 93%
XYZ	70.1550, 70.9387, 69.0265
YIQ	220.3670, 15.0840, 1.9640

Conversions

Conversions Part 2

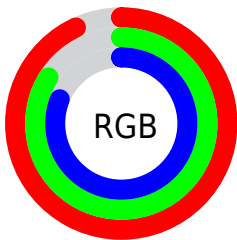
Format	Color
R _Y B	236, 218, 207
Decimal	15521743
CIE Lab	87.46, 5.94, 6.56
CIE LCh	87, 8.850, 47.851
Yxy	70.9387, 0.3339, 0.3376
Android (android.graphics.Color)	4293711823 (0xFFECD7CF)
YUV	220.3670, -6.5899, 13.7101
Hunter-Lab	84.2251, 1.2869, 10.3667

Details

The RGB color **236, 215, 207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 228, 236**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 255, 255, 255, and **180, 160, 153** is the 20% darker color. If you saturate the color by 10%, you get **236, 198, 183**, and if you desaturate by 10%, it is **236, 232, 231**.

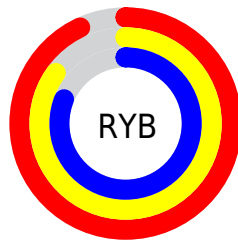
Distribution



Red (93%)

Green (84%)

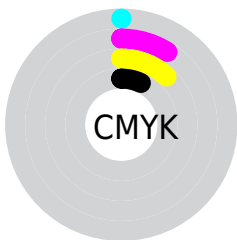
Blue (81%)



Red (93%)

Yellow (85%)

Blue (81%)

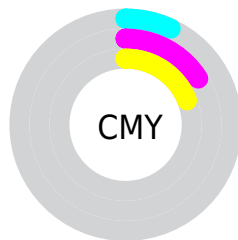


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 215, 207 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 236, 215, 207 by changing the saturation by 10% instead.

■ 236, 215, 207

255, 255, 255

■ 236, 215, 207

■ 208, 187, 179

■ 180, 160, 153

■ 153, 134, 127

■ 127, 109, 102

■ 102, 85, 78

■ 78, 61, 55


■ 54, 40, 34

■ 33, 19, 11


■ 0, 0, 0

 236, 215, 207

 236, 215, 207

 236, 198, 183


 236, 232, 231


 236, 181, 160


 236, 249, 254

 236, 164, 136

 236, 255, 255

 236, 147, 113

 236, 130, 89

 236, 112, 65

 236, 95, 42

 236, 78, 18

 236, 65, 0

Harmonies

Analogous

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



238, 214, 214



236, 215, 207



230, 217, 203

Triad

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



236, 215, 207



203, 224, 215



217, 218, 235

Complementary

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



236, 215, 207



207, 228, 236

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.



207, 221, 235



236, 215, 207



199, 224, 224

Square

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



236, 215, 207



211, 223, 208



200, 223, 231



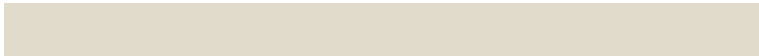
227, 216, 231

Rectangle

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



236, 215, 207



224, 219, 203



200, 223, 231



213, 219, 236

Sweetspot

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



236, 215, 207



255, 248, 245



236, 207, 228



128, 123, 121



0, 0, 0



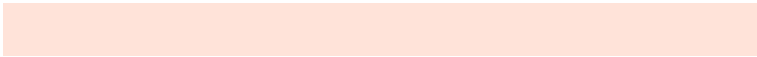
128, 128, 128

Same Dimension

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



236, 215, 207



255, 227, 217



236, 229, 207



117, 109, 106



181, 50, 0



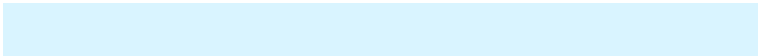
54, 15, 0

Inverse Universe

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



207, 228, 236



217, 244, 255



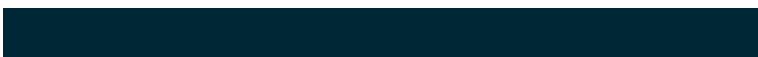
207, 214, 236



106, 114, 117



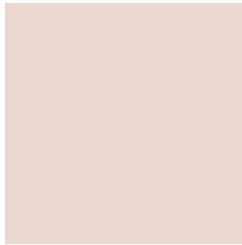
0, 131, 181



0, 39, 54

Previews

White Background



This preview shows how the RGB color 236, 215, 207 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 236, 215, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

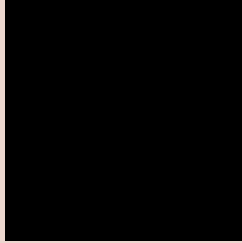
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

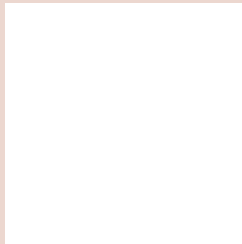
Any Text WCAG AAA ✓ Pass

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

RGB 236, 215, 207 Background



This preview shows how black text looks on a background with the RGB color 236, 215, 207.

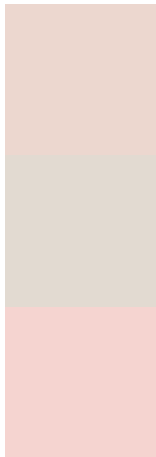


This preview shows how white text looks on a background with the RGB color 236, 215, 207.

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
236, 215, 207

Protanopia
226, 218, 209

Deuteranopia
245, 212, 208



Tritanopia
239, 212, 228

Trichromacy



Original Color

236, 215, 207

Protanomaly

230, 217, 208

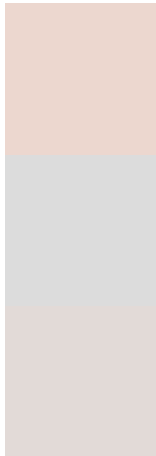
Deuteranomaly

242, 213, 208

Tritanomaly

238, 213, 220

Monochromacy



Original Color

236, 215, 207

Achromatopsia

220, 220, 220

Achromatomaly

226, 218, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 215, 207 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(236, 215, 207) looks like.

```
.text, #text, p{  
    color:rgb(236, 215, 207)  
}
```

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(236, 215, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 215, 207) }
```

Border

The CSS property to change the border of an element to RGB 236, 215, 207 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(236, 215, 207) }
```

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

```
.border{ border-color:rgb(236, 215, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 215, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 215, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 215, 207); box-shadow:4px 4px 4px 4px rgb(236, 215, 207) }
```

Background

The CSS property to change the background color of an element to RGB 236, 215, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 215, 207) }
```

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

```
.background{ background-color: rgb(236,  
215, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor