

Converting Colors

RGB(235, 233, 216)

Have a look what the booklet for
RGB(235, 233, 216) contains.

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Color

RGB(235, 233, 216)

Conversions

Conversions Part 1

Format	Color
Hex	EBE9D8
RGB	235, 233, 216
RGB Percent	92%, 91%, 85%
CMY	0.0784, 0.0863, 0.1529
CMYK	0.00, 0.01, 0.08, 0.08
HSL	54°, 32%, 88%
HSV	54°, 8%, 92%
XYZ	75.7945, 80.8979, 76.5858
YIQ	231.6600, 6.6490, -4.8630

Conversions

Conversions Part 2

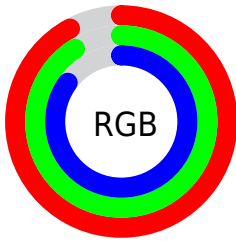
Format	Color
R _Y B	218, 235, 216
Decimal	15460824
CIE Lab	92.09, -2.23, 8.49
CIE LCh	92, 8.776, 104.687
Yxy	80.8979, 0.3249, 0.3468
Android (android.graphics.Color)	4293650904 (0xFFEBE9D8)
YUV	231.6600, -7.7204, 2.9292
Hunter-Lab	89.9432, -6.9800, 12.4754

Details

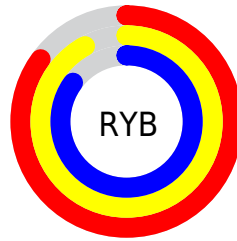
The RGB color **235, 233, 216** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **216, 218, 235**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **179, 177, 161** is the 20% darker color. If you saturate the color by 10%, you get **235, 231, 193**, and if you desaturate by 10%, it is **235, 235, 240**.

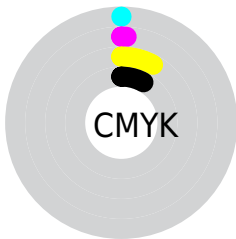
Distribution



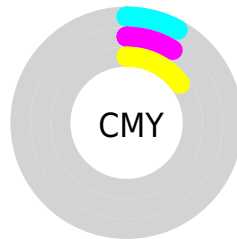
- Red (92%)
- Green (91%)
- Blue (85%)



- Red (85%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 233, 216 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 235, 233, 216 by changing the saturation by 10% instead.

■ 235, 233, 216

255, 255, 255

■ 235, 233, 216

■ 207, 205, 188

■ 179, 177, 161

■ 152, 151, 135

■ 126, 125, 110

■ 101, 100, 85

■ 77, 76, 62

■ 55, 53, 40

■ 33, 32, 20

■ 6, 9, 0

 235, 233, 216

 235, 233, 216

 235, 231, 193

 235, 235, 240

 235, 228, 169


 235, 238, 255

 235, 226, 146

 235, 240, 255

 235, 223, 122


 235, 243, 255

 235, 221, 98


 235, 245, 255

 235, 218, 75

 235, 248, 255

 235, 216, 52

 235, 250, 255

 235, 213, 28

 235, 253, 255

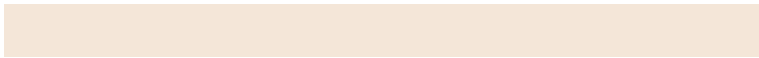
 235, 211, 4

 235, 255, 255

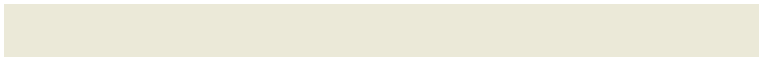
Harmonies

Analogous

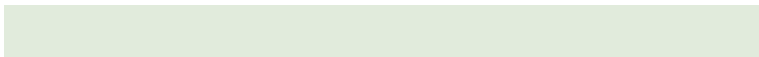
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 230, 216



235, 233, 216



225, 235, 220

Triad

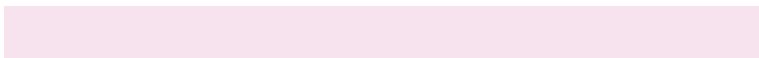
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235, 233, 216



213, 236, 244



247, 227, 237

Complementary

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



235, 233, 216



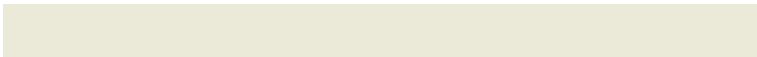
216, 218, 235

Split Complementary

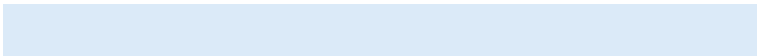
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239, 229, 244



235, 233, 216



219, 234, 248

Square

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



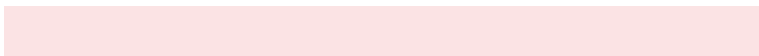
235, 233, 216



212, 237, 236



229, 232, 248



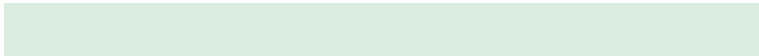
251, 227, 228

Rectangle

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



235, 233, 216



219, 237, 225



229, 232, 248



245, 228, 240

Sweetspot

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



235, 233, 216



255, 254, 250



235, 216, 218



128, 127, 125



0, 0, 0



128, 128, 128

Same Dimension

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



235, 233, 216



255, 252, 230



228, 235, 216



117, 116, 106



181, 162, 0



54, 48, 0

Inverse Universe

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



216, 218, 235



230, 232, 255



223, 216, 235



106, 107, 117



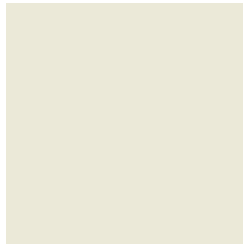
0, 19, 181



0, 6, 54

Previews

White Background



This preview shows how the RGB color 235, 233, 216 looks on a white background.

Color Contrast Check

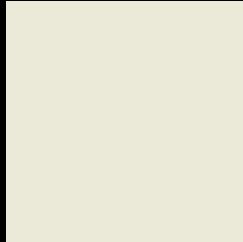
Large Text (above 18pt) WCAG AA × Fail

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 235, 233, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

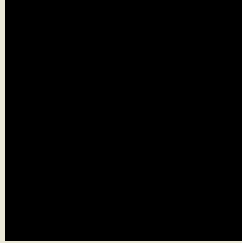
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

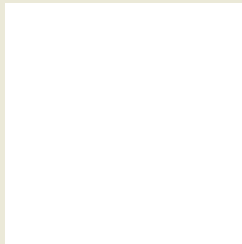
Any Text WCAG AAA ✓ Pass

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

RGB 235, 233, 216 Background



This preview shows how black text looks on a background with the RGB color 235, 233, 216.

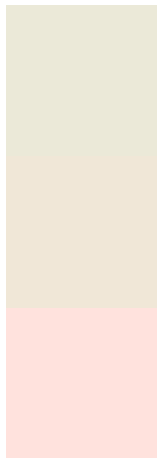


This preview shows how white text looks on a background with the RGB color 235, 233, 216.

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
235, 233, 216

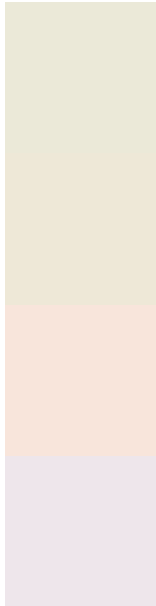
Protanopia
240, 231, 215

Deuteranopia
255, 226, 221



Tritanopia
239, 228, 246

Trichromacy



Original Color

235, 233, 216

Protanomaly

238, 232, 215

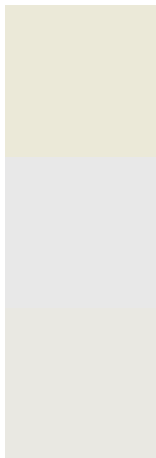
Deuteranomaly

248, 229, 219

Tritanomaly

238, 230, 235

Monochromacy



Original Color

235, 233, 216

Achromatopsia

232, 232, 232

Achromatomaly

233, 232, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 233, 216 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(235, 233, 216)` looks like.

```
.text, #text, p{  
    color:rgb(235, 233, 216)  
}
```

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(235, 233, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 233, 216) }
```

Border

The CSS property to change the border of an element to RGB 235, 233, 216 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(235, 233, 216) }
```

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

```
.border{ border-color:rgb(235, 233, 216) }
```

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

Here you see how a box with a 4 pixel rgb(235, 233, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 233, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 233, 216);  
box-shadow:4px 4px 4px 4px rgb(235, 233,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 235, 233, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 233, 216) }
```

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

```
.background{ background-color: rgb(235,  
233, 216) }
```

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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