

Converting Colors

RGB(235, 228, 222)

Have a look what the booklet for
RGB(235, 228, 222) contains.

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Color

RGB(235, 228, 222)

Conversions

Conversions Part 1

Format	Color
Hex	EBE4DE
RGB	235, 228, 222
RGB Percent	92%, 89%, 87%
CMY	0.0784, 0.1059, 0.1294
CMYK	0.00, 0.03, 0.06, 0.08
HSL	28°, 25%, 90%
HSV	28°, 6%, 92%
XYZ	75.1892, 78.4229, 80.2815
YIQ	229.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

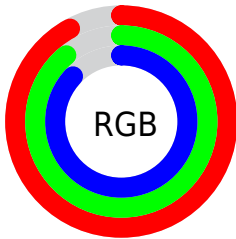
Format	Color
R_{YB}	235, 233, 222
Decimal	15459550
CIE Lab	90.97, 1.34, 3.75
CIE LCh	91, 3.985, 70.386
Yxy	78.4229, 0.3215, 0.3353
Android (android.graphics.Color)	4293649630 (0xFFEBE4DE)
YUV	229.4090, -3.6526, 4.9033
Hunter-Lab	88.5567, -3.4186, 8.2401

Details

The RGB color **235, 228, 222** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222, 229, 235**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 173, 167** is the 20% darker color. If you saturate the color by 10%, you get **235, 215, 199**, and if you desaturate by 10%, it is **235, 241, 246**.

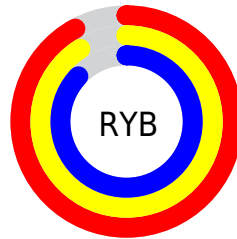
Distribution



Red (92%)

Green (89%)

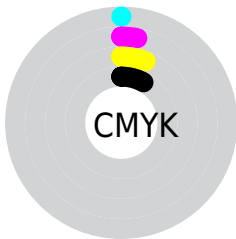
Blue (87%)



Red (92%)

Yellow (91%)

Blue (87%)

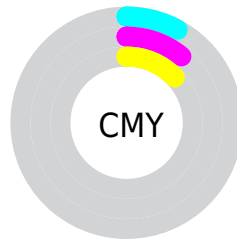


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (8%)



Cyan (8%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 228, 222 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, 228, 222 by changing the saturation by 10% instead.

■ 235, 228, 222

255, 255, 255

■ 235, 228, 222

■ 207, 200, 194

■ 179, 173, 167

■ 152, 146, 141

■ 127, 120, 115

■ 102, 96, 91

■ 78, 72, 67

■ 55, 50, 45

■ 33, 29, 24

■ 9, 2, 0

 235, 228, 222

 235, 228, 222

 235, 215, 199

 235, 241, 246

 235, 203, 175

 235, 253, 255

 235, 190, 152


 235, 255, 255


 235, 177, 128

 235, 165, 105

 235, 152, 81

 235, 139, 58

 235, 127, 34

 235, 114, 11

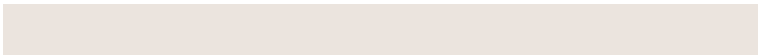
Harmonies

Analogous

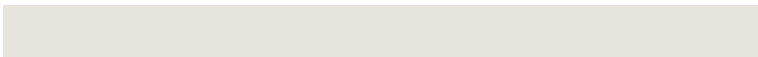
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237, 227, 224



235, 228, 222



231, 229, 222

Triad

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



235, 228, 222



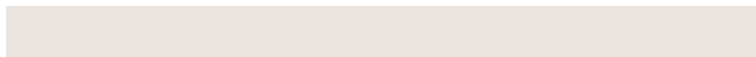
220, 231, 230



232, 228, 235

Complementary

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



235, 228, 222



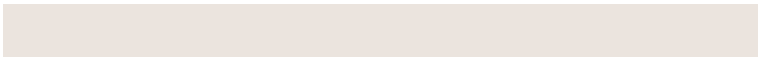
222, 229, 235

Split Complementary

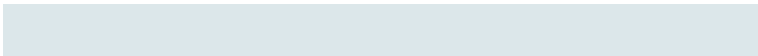
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227, 229, 237



235, 228, 222



220, 231, 234

Square

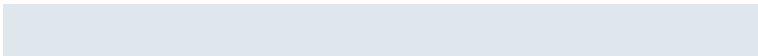
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235, 228, 222



223, 231, 226



223, 230, 236



235, 227, 232

Rectangle

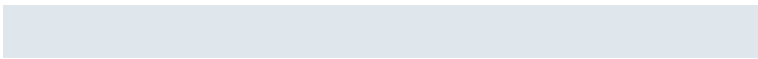
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235, 228, 222



228, 230, 222



223, 230, 236



230, 228, 236

Sweetspot

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



235, 228, 222



255, 252, 250



235, 222, 229



128, 126, 125



0, 0, 0



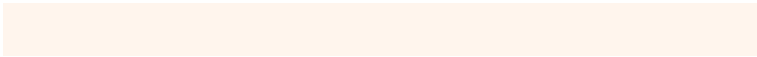
128, 128, 128

Same Dimension

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



235, 228, 222



255, 245, 237



235, 234, 222



117, 112, 108



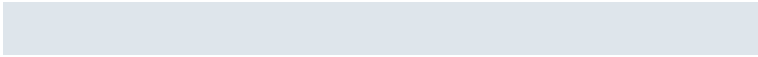
181, 84, 0



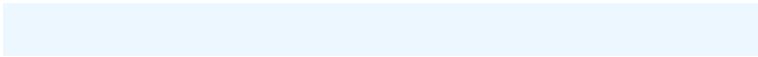
54, 25, 0

Inverse Universe

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



222, 229, 235



237, 247, 255



222, 223, 235



108, 113, 117



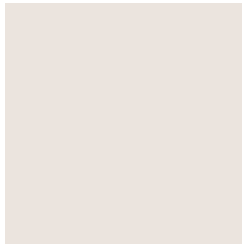
0, 97, 181



0, 29, 54

Previews

White Background



This preview shows how the RGB color 235, 228, 222 looks on a white background.

Color Contrast Check

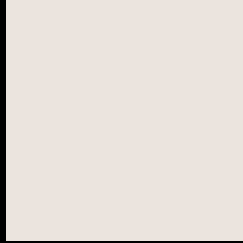
Large Text (above 18pt) WCAG AA × Fail

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, 228, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

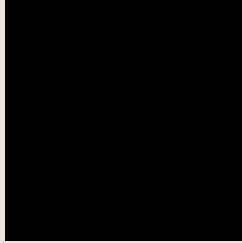
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

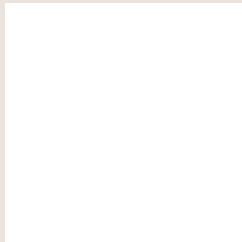
Any Text WCAG AAA ✓ Pass

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

RGB 235, 228, 222 Background



This preview shows how black text looks on a background with the RGB color 235, 228, 222.

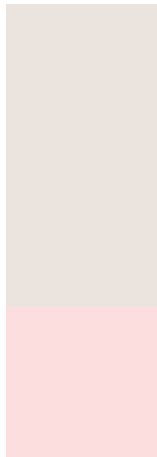


This preview shows how white text looks on a background with the RGB color 235, 228, 222.

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, 228, 222

Protanopia

235, 228, 222

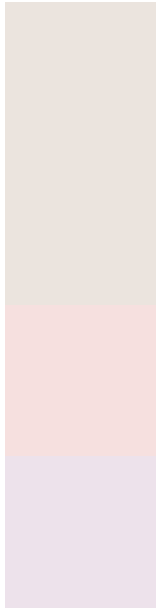
Deuteranopia

253, 222, 223



Tritanopia
238, 225, 243

Trichromacy



Original Color

235, 228, 222

Protanomaly

235, 228, 222

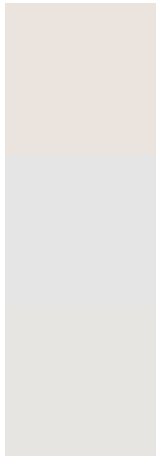
Deuteranomaly

246, 224, 223

Tritanomaly

237, 226, 235

Monochromacy



Original Color

235, 228, 222

Achromatopsia

229, 229, 229

Achromatomaly

231, 229, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 228, 222 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, 228, 222)` looks like.

```
.text, #text, p{  
    color:rgb(235, 228, 222)  
}
```

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, 228, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 228, 222) }
```

Border

The CSS property to change the border of an element to RGB 235, 228, 222 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, 228, 222) }
```

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

```
.border{ border-color:rgb(235, 228, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 228, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 228, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 228, 222);  
box-shadow:4px 4px 4px 4px rgb(235, 228,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 235, 228, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 228, 222) }
```

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

```
.background{ background-color: rgb(235,  
228, 222) }
```

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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