

Converting Colors

RGB(232, 227, 217)

Have a look what the booklet for
RGB(232, 227, 217) contains.

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Color

RGB(232, 227, 217)

Conversions

Conversions Part 1

Format	Color
Hex	E8E3D9
RGB	232, 227, 217
RGB Percent	91%, 89%, 85%
CMY	0.0902, 0.1098, 0.1490
CMYK	0.00, 0.02, 0.06, 0.09
HSL	40°, 25%, 88%
HSV	40°, 6%, 91%
XYZ	73.2722, 77.1037, 76.6663
YIQ	227.3550, 6.1900, -2.0500

Conversions

Conversions Part 2

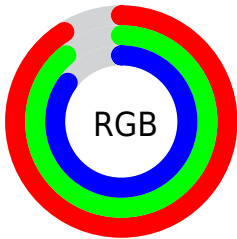
Format	Color
RYB	225, 232, 217
Decimal	15262681
CIELab	90.37, -0.03, 5.47
CIELCh	90, 5.467, 90.275
Yxy	77.1037, 0.3227, 0.3396
Android (android.graphics.Color)	4293452761 (0xFFE8E3D9)
YUV	227.3550, -5.1050, 4.0737
Hunter-Lab	87.8087, -4.7156, 9.6997

Details

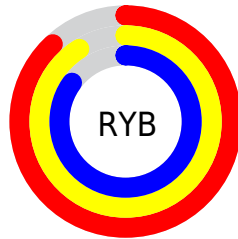
The RGB color **232, 227, 217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 222, 232**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **176, 172, 162** is the 20% darker color. If you saturate the color by 10%, you get **232, 219, 194**, and if you desaturate by 10%, it is **232, 235, 240**.

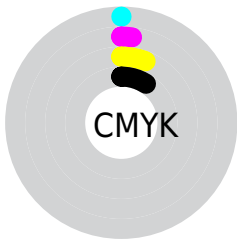
Distribution



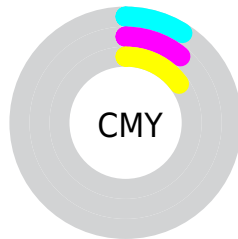
- Red (91%)
- Green (89%)
- Blue (85%)



- Red (88%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 227, 217 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 232, 227, 217 by changing the saturation by 10% instead.

■ 232, 227, 217

255, 255, 255

■ 232, 227, 217

■ 204, 199, 189

■ 176, 172, 162

■ 150, 145, 136

■ 124, 120, 111

■ 99, 95, 86

■ 75, 71, 63

■ 52, 49, 41

■ 31, 28, 21

■ 2, 1, 0

 232, 227, 217

 232, 227, 217

 232, 219, 194


 232, 235, 240

 232, 212, 171


 232, 242, 255

 232, 204, 147

 232, 250, 255

 232, 196, 124

 232, 255, 255

 232, 188, 101

 232, 181, 78

 232, 173, 55

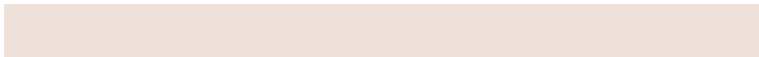
 232, 165, 31

 232, 157, 8

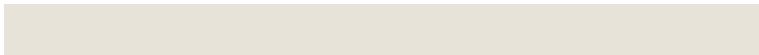
Harmonies

Analogous

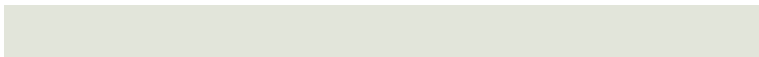
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237, 225, 218



232, 227, 217



226, 229, 218

Triad

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



232, 227, 217



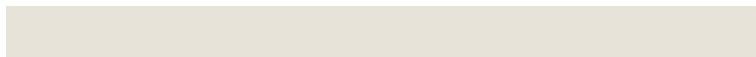
215, 230, 232



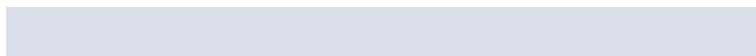
234, 225, 233

Complementary

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



232, 227, 217



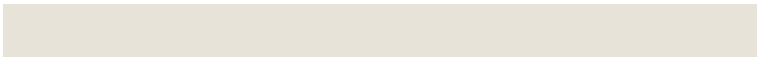
217, 222, 232

Split Complementary

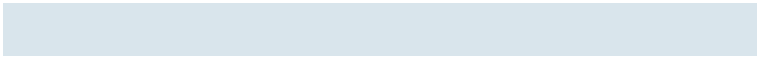
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229, 226, 236



232, 227, 217



217, 229, 236

Square

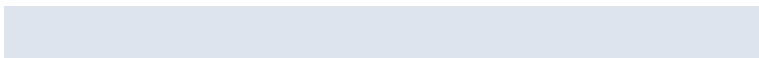
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232, 227, 217



216, 231, 227



222, 228, 238



238, 224, 228

Rectangle

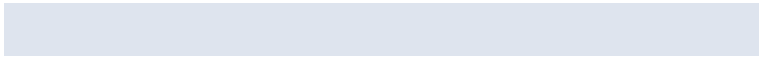
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232, 227, 217



222, 230, 221



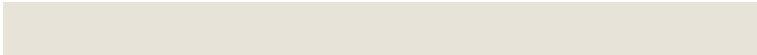
222, 228, 238



233, 225, 234

Sweetspot

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



232, 227, 217



255, 253, 250



232, 217, 222



128, 127, 125



0, 0, 0



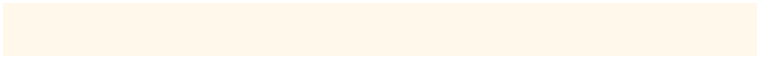
128, 128, 128

Same Dimension

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



232, 227, 217



255, 248, 235



230, 232, 217



115, 111, 103



179, 119, 0



51, 34, 0

Inverse Universe

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



217, 222, 232



235, 241, 255



219, 217, 232



103, 107, 115



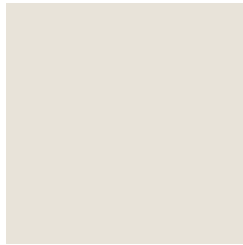
0, 60, 179



0, 17, 51

Previews

White Background



This preview shows how the RGB color 232, 227, 217 looks on a white background.

Color Contrast Check

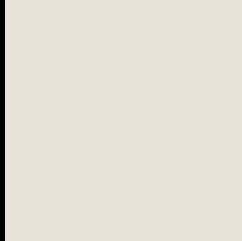
Large Text (above 18pt) WCAG AA × Fail

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 232, 227, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

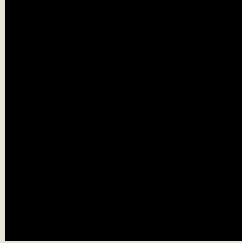
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

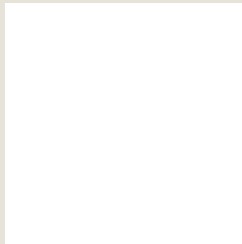
Any Text WCAG AAA ✓ Pass

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

RGB 232, 227, 217 Background



This preview shows how black text looks on a background with the RGB color 232, 227, 217.

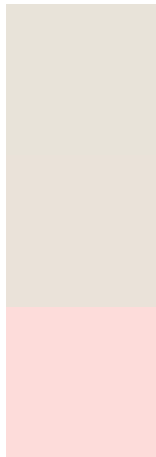


This preview shows how white text looks on a background with the RGB color 232, 227, 217.

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
232, 227, 217

Protanopia
234, 226, 217

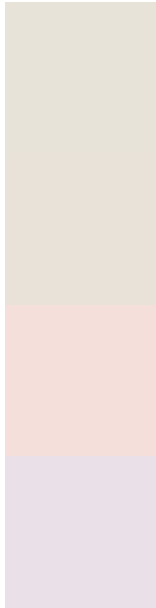
Deuteranopia
253, 220, 218



Tritanopia

235, 223, 241

Trichromacy



Original Color

232, 227, 217

Protanomaly

233, 226, 217

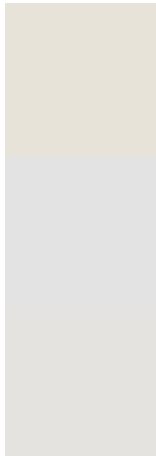
Deuteranomaly

245, 223, 218

Tritanomaly

234, 224, 232

Monochromacy



Original Color

232, 227, 217

Achromatopsia

227, 227, 227

Achromatomaly

229, 227, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 227, 217 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(232, 227, 217) looks like.

```
.text, #text, p{  
    color:rgb(232, 227, 217)  
}
```

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(232, 227, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 227, 217) }
```

Border

The CSS property to change the border of an element to RGB 232, 227, 217 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(232, 227, 217) }
```

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

```
.border{ border-color:rgb(232, 227, 217) }
```

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

Here you see how a box with a 4 pixel rgb(232, 227, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 227, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 227, 217);  
box-shadow:4px 4px 4px 4px rgb(232, 227,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 232, 227, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 227, 217) }
```

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

```
.background{ background-color: rgb(232,  
227, 217) }
```

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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