

Converting Colors

RGB(240, 235, 233)

Have a look what the booklet for
RGB(240, 235, 233) contains.

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Color

RGB(240, 235, 233)

Conversions

Conversions Part 1

Format	Color
Hex	F0EBE9
RGB	240, 235, 233
RGB Percent	94%, 92%, 91%
CMY	0.0588, 0.0784, 0.0863
CMYK	0.00, 0.02, 0.03, 0.06
HSL	17°, 19%, 93%
HSV	17°, 3%, 94%
XYZ	80.3515, 83.8251, 89.0357
YIQ	236.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

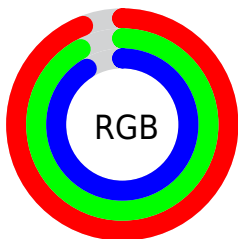
Format	Color
R _Y B	240, 236, 233
Decimal	15789033
CIE Lab	93.37, 1.33, 1.55
CIE LCh	93, 2.047, 49.328
Yxy	83.8251, 0.3173, 0.3310
Android (android.graphics.Color)	4293979113 (0xFFFF0EBE9)
YUV	236.2670, -1.6106, 3.2738
Hunter-Lab	91.5561, -3.5678, 6.4314

Details

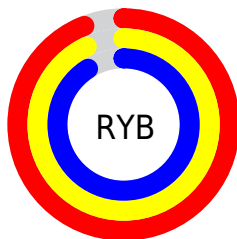
The RGB color `240, 235, 233` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `233, 238, 240`, and the grayscale version is `236, 236, 236`.

A 20% lighter version of the original color is `255, 255, 255`, and `184, 179, 177` is the 20% darker color. If you saturate the color by 10%, you get `240, 218, 209`, and if you desaturate by 10%, it is `240, 252, 255`.

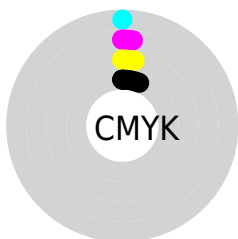
Distribution



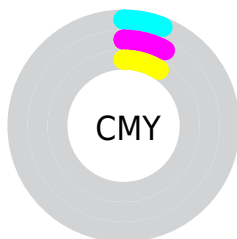
- Red (94%)
- Green (92%)
- Blue (91%)



- Red (94%)
- Yellow (93%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 235, 233 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 240, 235, 233 by changing the saturation by 10% instead.

■ 240, 235, 233

255, 255, 255

■ 240, 235, 233

■ 212, 207, 205

■ 184, 179, 177

■ 157, 153, 151

■ 131, 127, 125

■ 106, 102, 100

■ 82, 78, 76


■ 59, 55, 53

■ 37, 34, 32

■ 16, 11, 9

 240, 235, 233


 240, 235, 233


 240, 218, 209


 240, 252, 255


 240, 201, 185


 240, 255, 255

 240, 184, 161

 240, 166, 137

 240, 149, 113

 240, 132, 89

 240, 115, 65

 240, 98, 41

 240, 81, 17

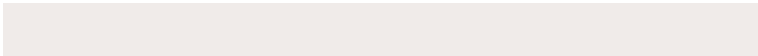
Harmonies

Analogous

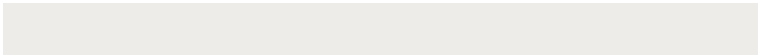
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 235, 235



240, 235, 233



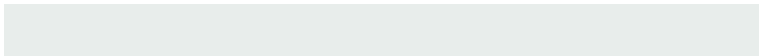
238, 236, 232

Triad

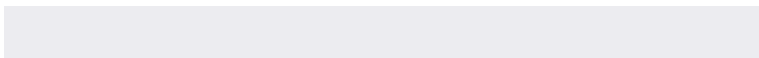
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 235, 233



232, 237, 235



236, 236, 240

Complementary

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



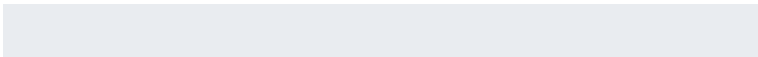
240, 235, 233



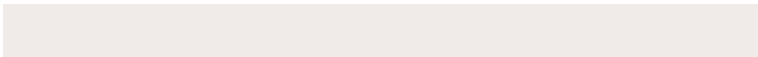
233, 238, 240

Split Complementary

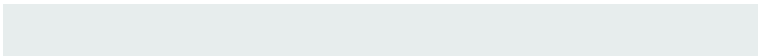
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233, 236, 240



240, 235, 233



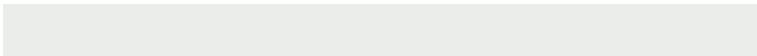
231, 237, 237

Square

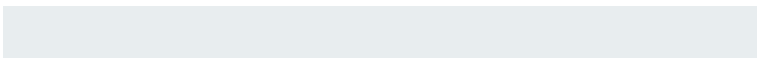
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



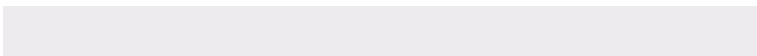
240, 235, 233



234, 237, 233



232, 237, 239



238, 235, 239

Rectangle

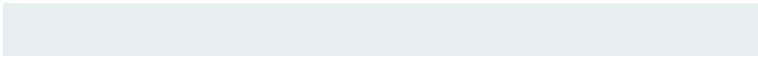
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



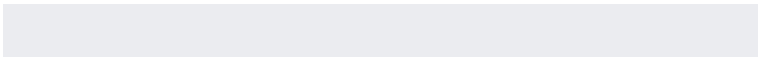
240, 235, 233



237, 236, 232



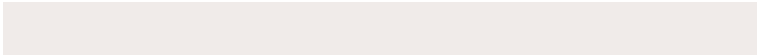
232, 237, 239



235, 236, 240

Sweetspot

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



240, 235, 233



255, 253, 252



240, 233, 238



128, 127, 126



0, 0, 0



128, 128, 128

Same Dimension

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



240, 235, 233



255, 248, 245



240, 238, 233



120, 116, 114



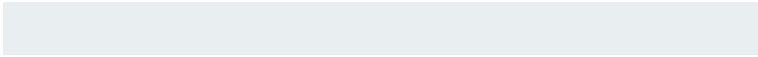
184, 52, 0



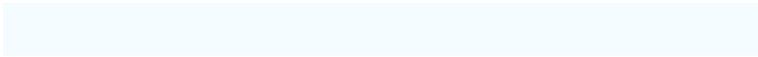
56, 16, 0

Inverse Universe

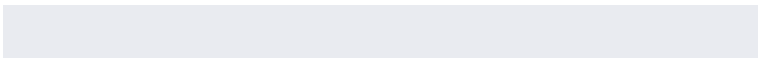
The Inverse Universe completely reimagines the original color for something new.



233, 238, 240



245, 252, 255



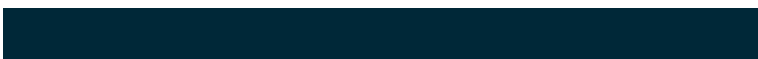
233, 235, 240



114, 118, 120



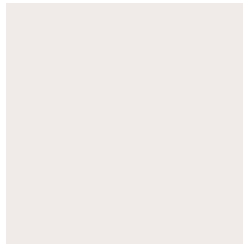
0, 131, 184



0, 40, 56

Previews

White Background



This preview shows how the RGB color 240, 235, 233 looks on a white background.

Color Contrast Check

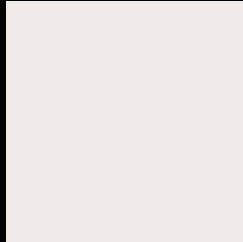
Large Text (above 18pt) WCAG AA × Fail

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 240, 235, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

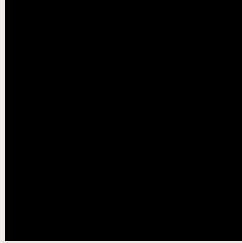
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

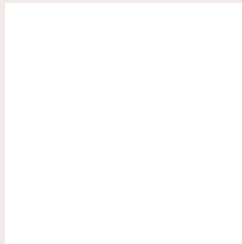
Any Text WCAG AAA ✓ Pass

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

RGB 240, 235, 233 Background



This preview shows how black text looks on a background with the RGB color 240, 235, 233.

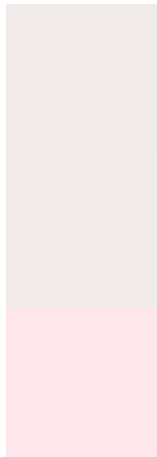


This preview shows how white text looks on a background with the RGB color 240, 235, 233.

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
240, 235, 233

Protanopia
241, 235, 233

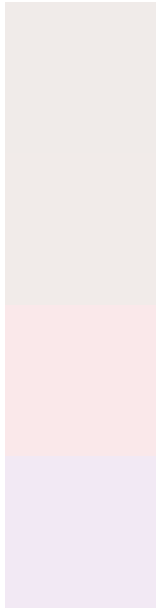
Deuteranopia
255, 230, 235



Tritanopia

243, 232, 251

Trichromacy



Original Color

240, 235, 233

Protanomaly

241, 235, 233

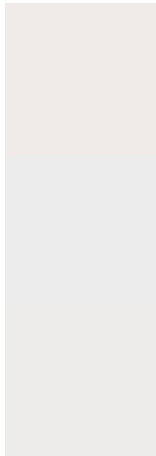
Deuteranomaly

250, 232, 234

Tritanomaly

242, 233, 244

Monochromacy



Original Color

240, 235, 233

Achromatopsia

236, 236, 236

Achromatomaly

237, 236, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 235, 233 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(240, 235, 233) looks like.

```
.text, #text, p{  
    color:rgb(240, 235, 233)  
}
```

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(240, 235, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 235, 233) }
```

Border

The CSS property to change the border of an element to RGB 240, 235, 233 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(240, 235, 233) }
```

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

```
.border{ border-color:rgb(240, 235, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 235, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 235, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 235, 233);  
box-shadow:4px 4px 4px 4px rgb(240, 235,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 240, 235, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 235, 233) }
```

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

```
.background{ background-color: rgb(240,  
235, 233) }
```

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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