

Converting Colors

RGB(240, 235, 237)

Have a look what the booklet for
RGB(240, 235, 237) contains.

RGB(240, 235, 237)	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(240, 235, 237)

Conversions

Conversions Part 1

Format	Color
Hex	F0EBED
RGB	240, 235, 237
RGB Percent	94%, 92%, 93%
CMY	0.0588, 0.0784, 0.0706
CMYK	0.00, 0.02, 0.01, 0.06
HSL	336°, 14%, 93%
HSV	336°, 2%, 94%
XYZ	80.9296, 84.0564, 92.0798
YIQ	236.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

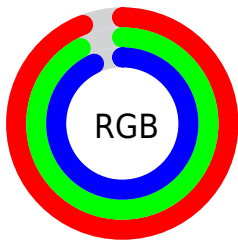
Format	Color
R _Y B	240, 235, 237
Decimal	15789037
CIE Lab	93.47, 2.03, -0.38
CIE LCh	93, 2.068, 349.354
Yxy	84.0564, 0.3148, 0.3270
Android (android.graphics.Color)	4293979117 (0xFFFF0EBED)
YUV	236.7230, 0.1366, 2.8739
Hunter-Lab	91.6823, -2.8788, 4.6305

Details

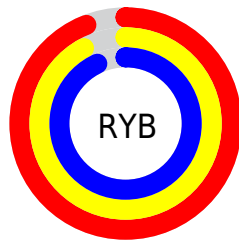
The RGB color `240, 235, 237` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `235, 240, 238`, and the grayscale version is `237, 237, 237`.

A 20% lighter version of the original color is `255, 255, 255`, and `184, 179, 181` is the 20% darker color. If you saturate the color by 10%, you get `240, 211, 223`, and if you desaturate by 10%, it is `240, 255, 251`.

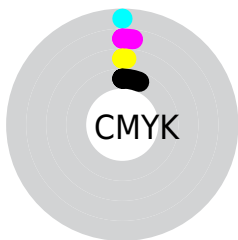
Distribution



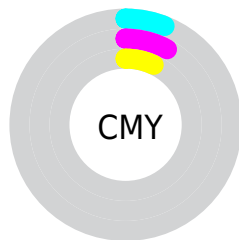
- Red (94%)
- Green (92%)
- Blue (93%)



- Red (94%)
- Yellow (92%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (6%)



- Cyan (6%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 235, 237 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, 237 by changing the saturation by 10% instead.

■ 240, 235, 237

255, 255, 255

■ 240, 235, 237

■ 212, 207, 209

■ 184, 179, 181

■ 157, 153, 154

■ 131, 127, 128

■ 106, 102, 103

■ 82, 78, 79

■ 59, 55, 57

■ 37, 34, 35

■ 16, 11, 13

240, 235, 237

240, 235, 237

240, 211, 223

240, 255, 251

240, 187, 208

240, 255, 255

240, 163, 194

240, 139, 179

240, 115, 165

240, 91, 151

240, 67, 136

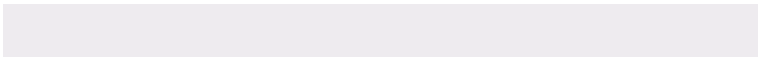
240, 43, 122

240, 19, 107

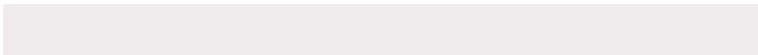
Harmonies

Analogous

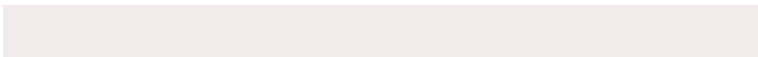
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238, 235, 239



240, 235, 237



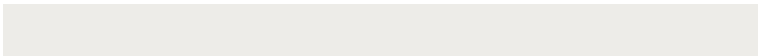
241, 235, 235

Triad

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



240, 235, 237



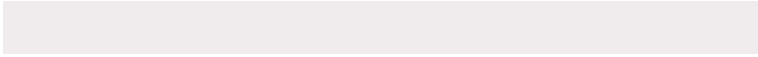
237, 236, 232



232, 237, 239

Complementary

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



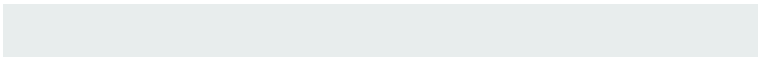
240, 235, 237



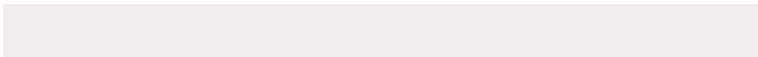
235, 240, 238

Split Complementary

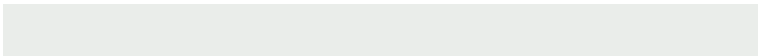
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232, 237, 237



240, 235, 237



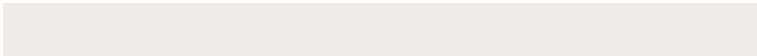
234, 237, 234

Square

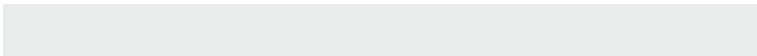
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240, 235, 237



239, 236, 232



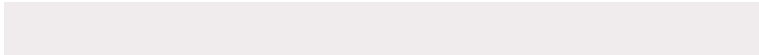
232, 237, 235



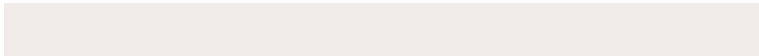
234, 237, 240

Rectangle

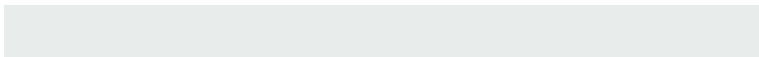
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



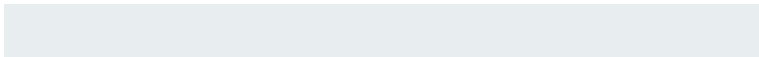
240, 235, 237



241, 235, 234



232, 237, 235



232, 237, 239

Sweetspot

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



240, 235, 237



255, 252, 253



238, 235, 240



128, 126, 127



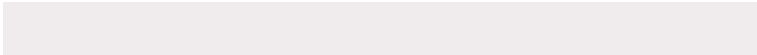
0, 0, 0



128, 128, 128

Same Dimension

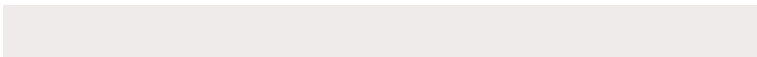
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240, 235, 237



255, 247, 250



240, 235, 235



120, 115, 117



184, 0, 73



56, 0, 22

Inverse Universe

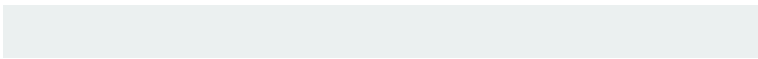
The Inverse Universe completely reimagines the original color for something new.



240, 235, 237



255, 247, 250



235, 240, 240



120, 115, 117



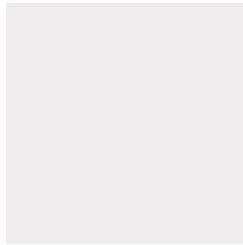
184, 0, 73



56, 0, 22

Previews

White Background



This preview shows how the RGB color 240, 235, 237 looks on a white background.

Color Contrast Check

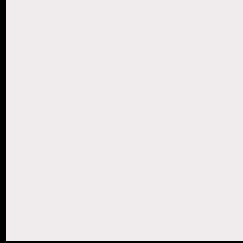
Large Text (above 18pt) WCAG AA × Fail

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, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

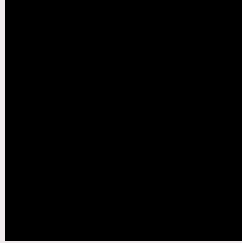
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

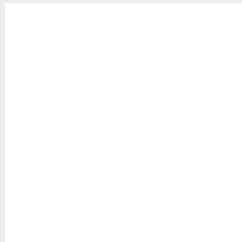
Any Text WCAG AAA ✓ Pass

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

RGB 240, 235, 237 Background



This preview shows how black text looks on a background with the RGB color 240, 235, 237.

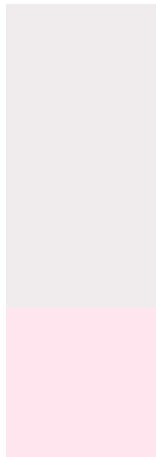


This preview shows how white text looks on a background with the RGB color 240, 235, 237.

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, 237

Protanopia
240, 235, 237

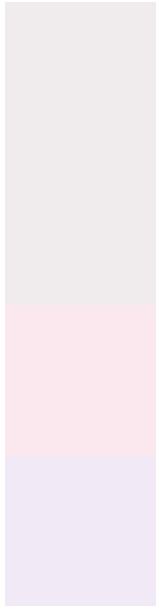
Deuteranopia
255, 230, 238



Tritanopia

242, 233, 251

Trichromacy



Original Color

240, 235, 237

Protanomaly

240, 235, 237

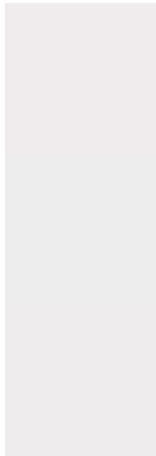
Deuteranomaly

250, 232, 238

Tritanomaly

241, 234, 246

Monochromacy



Original Color

240, 235, 237

Achromatopsia

237, 237, 237

Achromatomaly

238, 236, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 235, 237 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, 237) looks like.

```
.text, #text, p{  
    color:rgb(240, 235, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 235, 237) }
```

Border

The CSS property to change the border of an element to RGB 240, 235, 237 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, 237) }
```

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

```
.border{ border-color:rgb(240, 235, 237) }
```

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, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 235, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 235, 237);  
box-shadow:4px 4px 4px 4px rgb(240, 235,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 240, 235, 237 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, 237) }
```

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

```
.background{ background-color: rgb(240,  
235, 237) }
```

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