

Converting Colors

RGB(240, 237, 234)

Have a look what the booklet for
RGB(240, 237, 234) contains.

RGB(240, 237, 234)	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, 237, 234)

Conversions

Conversions Part 1

Format	Color
Hex	F0EDEA
RGB	240, 237, 234
RGB Percent	94%, 93%, 92%
CMY	0.0588, 0.0706, 0.0824
CMYK	0.00, 0.01, 0.03, 0.06
HSL	30°, 17%, 93%
HSV	30°, 3%, 94%
XYZ	81.0706, 85.0342, 89.9823
YIQ	237.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

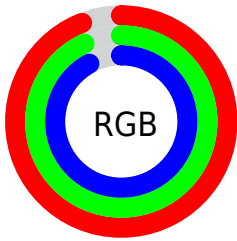
Format	Color
R _Y B	240, 240, 234
Decimal	15789546
CIE Lab	93.90, 0.48, 1.79
CIE LCh	94, 1.859, 74.890
Yxy	85.0342, 0.3166, 0.3321
Android (android.graphics.Color)	4293979626 (0xFFFF0EDEA)
YUV	237.5550, -1.7526, 2.1443
Hunter-Lab	92.2140, -4.4447, 6.6947

Details

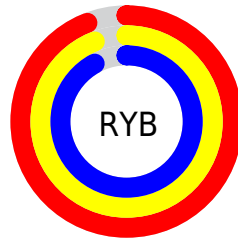
The RGB color `240, 237, 234` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `234, 237, 240`, and the grayscale version is `238, 238, 238`.

A 20% lighter version of the original color is `255, 255, 255`, and `184, 181, 178` is the 20% darker color. If you saturate the color by 10%, you get `240, 225, 210`, and if you desaturate by 10%, it is `240, 249, 255`.

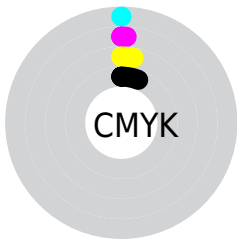
Distribution



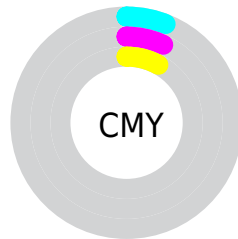
- Red (94%)
- Green (93%)
- Blue (92%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 237, 234 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, 237, 234 by changing the saturation by 10% instead.

■ 240, 237, 234

255, 255, 255

■ 240, 237, 234

■ 212, 209, 206

■ 184, 181, 178

■ 157, 154, 152

■ 131, 128, 126

■ 106, 103, 101

■ 82, 79, 77

■ 59, 57, 54

■ 37, 35, 33

■ 16, 13, 10

 240, 237, 234

 240, 237, 234


 240, 225, 210


 240, 249, 255


 240, 213, 186


 240, 255, 255


 240, 201, 162


 240, 189, 138

 240, 177, 114

 240, 165, 90

 240, 153, 66

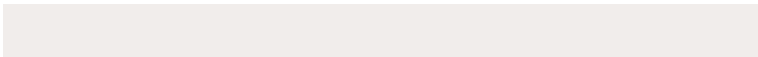
 240, 141, 42

 240, 129, 18

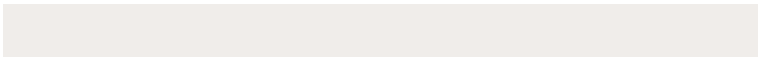
Harmonies

Analogous

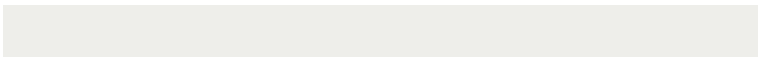
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 237, 235



240, 237, 234



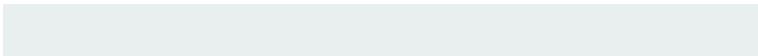
238, 238, 234

Triad

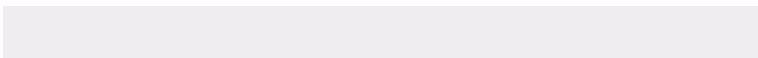
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 237, 234



233, 239, 238



239, 237, 240

Complementary

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



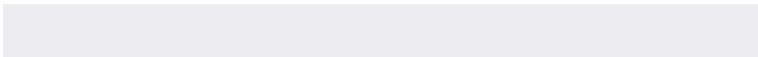
240, 237, 234



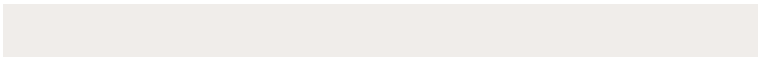
234, 237, 240

Split Complementary

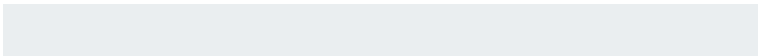
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237, 237, 241



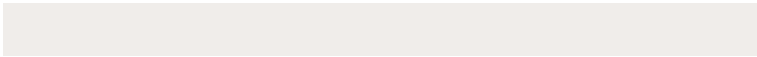
240, 237, 234



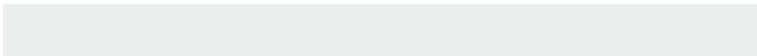
234, 238, 240

Square

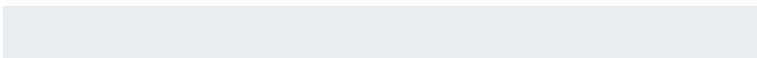
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



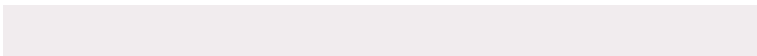
240, 237, 234



234, 238, 236



235, 238, 241



241, 236, 238

Rectangle

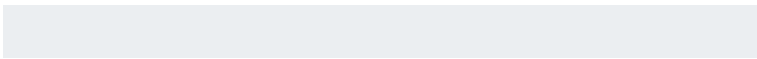
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



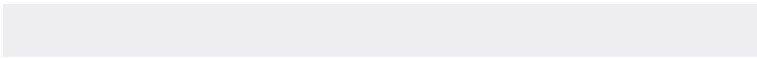
240, 237, 234



237, 238, 234



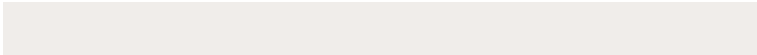
235, 238, 241



238, 237, 240

Sweetspot

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



240, 237, 234



255, 254, 252



240, 234, 237



128, 127, 126



0, 0, 0



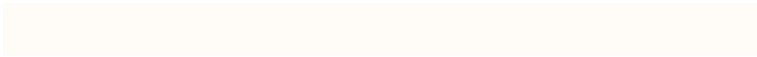
128, 128, 128

Same Dimension

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



240, 237, 234



255, 251, 247



240, 240, 234



120, 117, 115



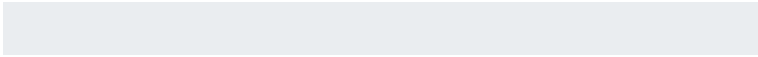
184, 92, 0



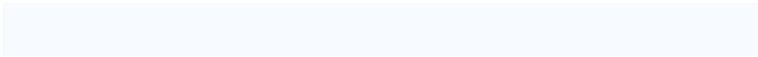
56, 28, 0

Inverse Universe

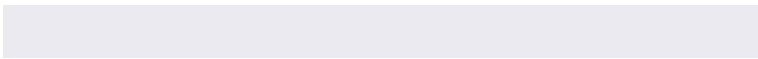
The Inverse Universe completely reimagines the original color for something new.



234, 237, 240



247, 251, 255



234, 234, 240



115, 117, 120



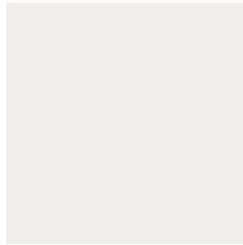
0, 92, 184



0, 28, 56

Previews

White Background



This preview shows how the RGB color 240, 237, 234 looks on a white background.

Color Contrast Check

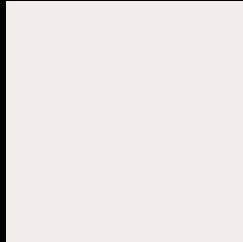
Large Text (above 18pt) WCAG AA × Fail

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, 237, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

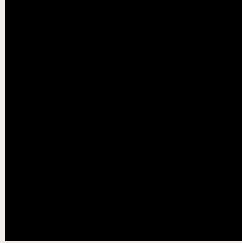
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

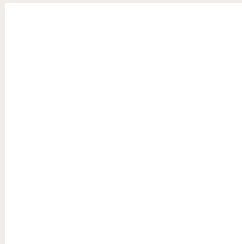
Any Text WCAG AAA ✓ Pass

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

RGB 240, 237, 234 Background



This preview shows how black text looks on a background with the RGB color 240, 237, 234.

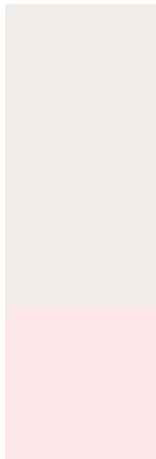


This preview shows how white text looks on a background with the RGB color 240, 237, 234.

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, 237, 234

Protanopia
242, 236, 234

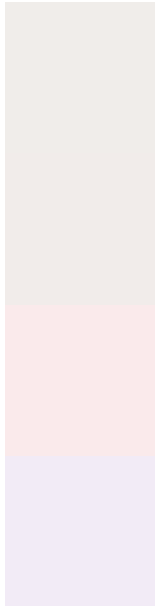
Deuteranopia
255, 232, 236



Tritanopia

243, 234, 253

Trichromacy



Original Color

240, 237, 234

Protanomaly

241, 236, 234

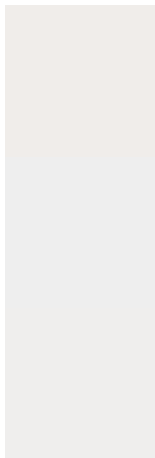
Deuteranomaly

250, 234, 235

Tritanomaly

242, 235, 246

Monochromacy



Original Color

240, 237, 234

Achromatopsia

238, 238, 238

Achromatomaly

239, 238, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 237, 234 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, 237, 234) looks like.

```
.text, #text, p{  
    color:rgb(240, 237, 234)  
}
```

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, 237, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 237, 234) }
```

Border

The CSS property to change the border of an element to RGB 240, 237, 234 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, 237, 234) }
```

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

```
.border{ border-color:rgb(240, 237, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 237, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 237, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 237, 234);  
box-shadow:4px 4px 4px 4px rgb(240, 237,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 240, 237, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 237, 234) }
```

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

```
.background{ background-color: rgb(240,  
237, 234) }
```

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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