

Converting Colors

RGB(240, 236, 236)

Have a look what the booklet for
RGB(240, 236, 236) contains.

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Color

RGB(240, 236, 236)

Conversions

Conversions Part 1

Format	Color
Hex	F0ECEC
RGB	240, 236, 236
RGB Percent	94%, 93%, 93%
CMY	0.0588, 0.0745, 0.0745
CMYK	0.00, 0.02, 0.02, 0.06
HSL	0°, 12%, 93%
HSV	0°, 2%, 94%
XYZ	81.0710, 84.5723, 91.4081
YIQ	237.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

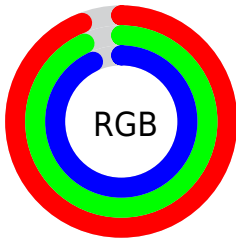
Format	Color
R _Y B	240, 236, 236
Decimal	15789292
CIE Lab	93.70, 1.34, 0.46
CIE LCh	94, 1.422, 19.062
Yxy	84.5723, 0.3154, 0.3290
Android (android.graphics.Color)	4293979372 (0xFFFF0ECEC)
YUV	237.1960, -0.5896, 2.4591
Hunter-Lab	91.9632, -3.5774, 5.4421

Details

The RGB color **240, 236, 236** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **236, 240, 240**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 180, 180** is the 20% darker color. If you saturate the color by 10%, you get **240, 212, 212**, and if you desaturate by 10%, it is 240, 255, 255.

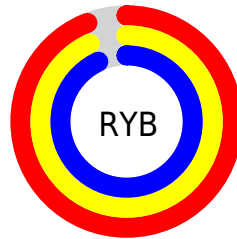
Distribution



Red (94%)

Green (93%)

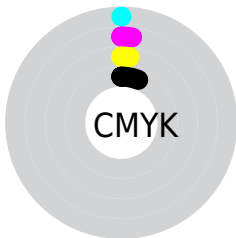
Blue (93%)



Red (94%)

Yellow (93%)

Blue (93%)

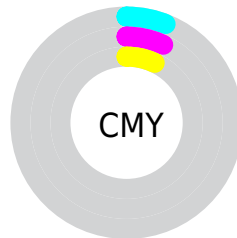


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (6%)



Cyan (6%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 236, 236 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, 236, 236 by changing the saturation by 10% instead.


 240, 236, 236

 240, 236, 236

255, 255, 255

 212, 208, 208

 184, 180, 180

 157, 153, 153


 131, 128, 128

 106, 103, 103

 82, 79, 79

 59, 56, 56

 37, 34, 34


 16, 12, 12


 240, 236, 236


 240, 236, 236


 240, 212, 212

 240, 255, 255

 240, 188, 188

 240, 164, 164

 240, 140, 140

 240, 116, 116

 240, 92, 92

 240, 68, 68

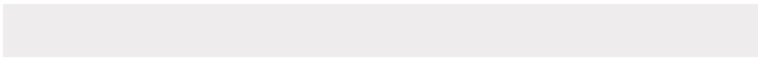
 240, 44, 44

 240, 20, 20

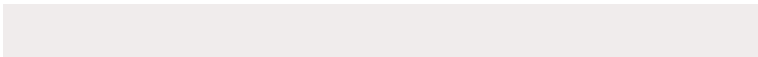
Harmonies

Analogous

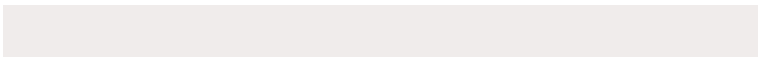
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 236, 237



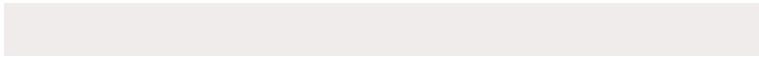
240, 236, 236



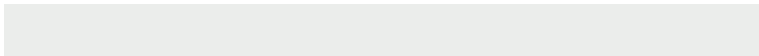
240, 236, 235

Triad

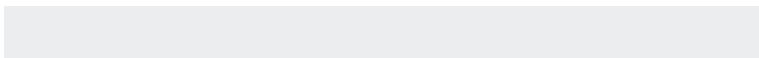
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 236, 236



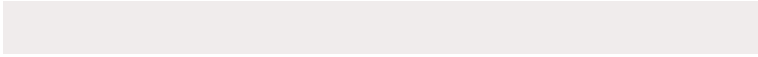
235, 237, 235



235, 237, 239

Complementary

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



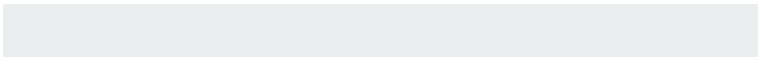
240, 236, 236



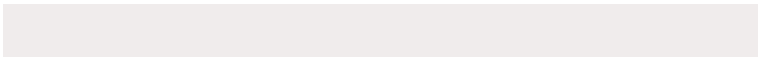
236, 240, 240

Split Complementary

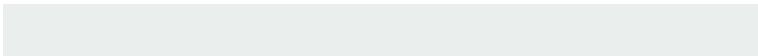
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 238, 239



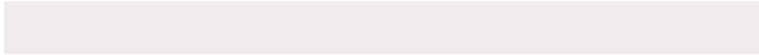
240, 236, 236



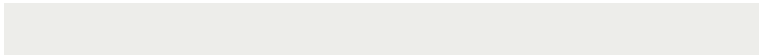
234, 238, 236

Square

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



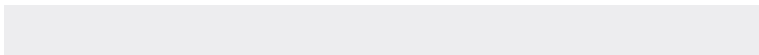
240, 236, 236



237, 237, 234



234, 238, 238



237, 237, 239

Rectangle

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



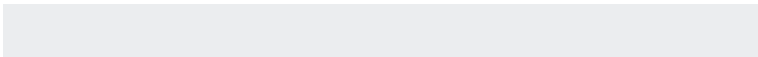
240, 236, 236



239, 236, 234



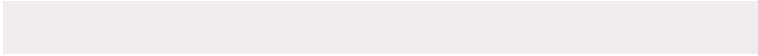
234, 238, 238



235, 237, 239

Sweetspot

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



240, 236, 236

255, 255, 255



240, 236, 240



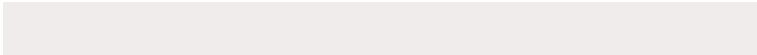
128, 128, 128



0, 0, 0

Same Dimension

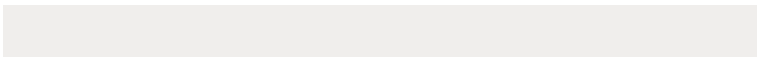
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240, 236, 236



255, 250, 250



240, 238, 236



120, 117, 117



184, 0, 0



56, 0, 0

Inverse Universe

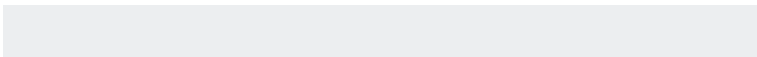
The Inverse Universe completely reimagines the original color for something new.



236, 240, 240



250, 255, 255



236, 238, 240



117, 120, 120



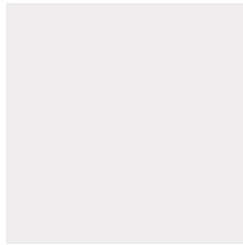
0, 184, 184



0, 56, 56

Previews

White Background



This preview shows how the RGB color 240, 236, 236 looks on a white background.

Color Contrast Check

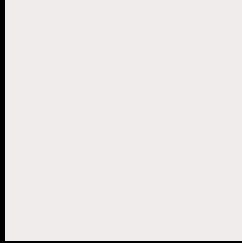
Large Text (above 18pt) WCAG AA × Fail

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, 236, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

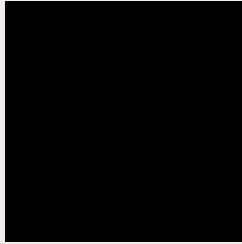
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

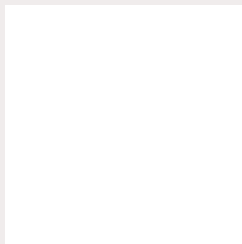
Any Text WCAG AAA ✓ Pass

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

RGB 240, 236, 236 Background



This preview shows how black text looks on a background with the RGB color 240, 236, 236.

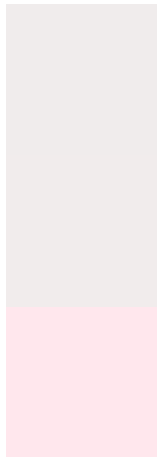


This preview shows how white text looks on a background with the RGB color 240, 236, 236.

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, 236, 236

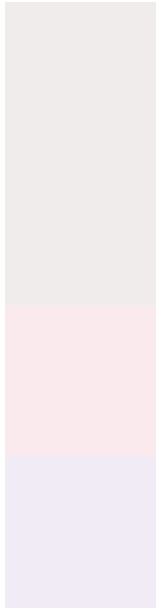
Protanopia
241, 236, 236

Deuteranopia
255, 231, 237



Tritanopia
242, 234, 252

Trichromacy



Original Color

240, 236, 236

Protanomaly

241, 236, 236

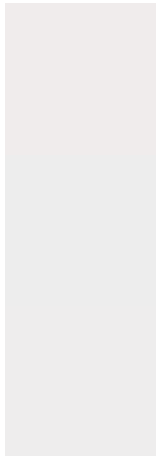
Deuteranomaly

250, 233, 237

Tritanomaly

241, 235, 246

Monochromacy



Original Color

240, 236, 236

Achromatopsia

237, 237, 237

Achromatomaly

238, 237, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 236, 236 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, 236, 236) looks like.

```
.text, #text, p{  
    color:rgb(240, 236, 236)  
}
```

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, 236, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 236, 236) }
```

Border

The CSS property to change the border of an element to RGB 240, 236, 236 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, 236, 236) }
```

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

```
.border{ border-color:rgb(240, 236, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 236, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 236, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 236, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 236,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 240, 236, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 236, 236) }
```

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

```
.background{ background-color: rgb(240,  
236, 236) }
```

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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