

Converting Colors

RGB(238, 238, 235)

Have a look what the booklet for
RGB(238, 238, 235) contains.

RGB(238, 238, 235)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

RGB(238, 238, 235)

Conversions

Conversions Part 1

Format	Color
Hex	EEEEEB
RGB	238, 238, 235
RGB Percent	93%, 93%, 92%
CMY	0.0667, 0.0667, 0.0784
CMYK	0.00, 0.00, 0.01, 0.07
HSL	60°, 8%, 93%
HSV	60°, 1%, 93%
XYZ	80.8298, 85.3244, 90.8063
YIQ	237.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

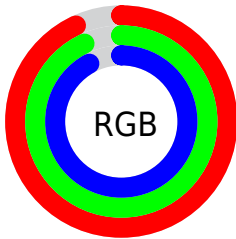
Format	Color
R_{YB}	235, 238, 235
Decimal	15658731
CIE _{Lab}	94.02, -0.52, 1.44
CIE _{LCh}	94, 1.531, 110.010
Y _{xy}	85.3244, 0.3146, 0.3321
Android (android.graphics.Color)	4293848811 (0xFFEEEEEB)
YUV	237.6580, -1.3104, 0.2999
Hunter-Lab	92.3712, -5.4524, 6.3743

Details

The RGB color **238, 238, 235** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **235, 235, 238**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is 255, 255, 255, and **182, 182, 179** is the 20% darker color. If you saturate the color by 10%, you get **238, 238, 211**, and if you desaturate by 10%, it is **238, 238, 255**.

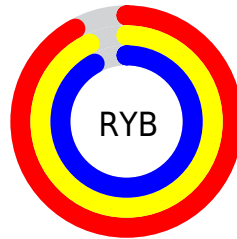
Distribution



Red (93%)

Green (93%)

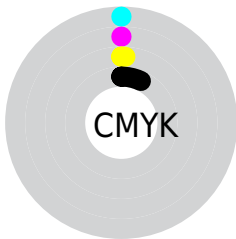
Blue (92%)



Red (92%)

Yellow (93%)

Blue (92%)

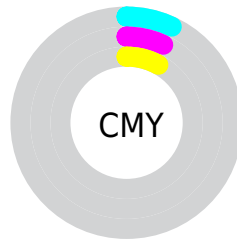


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 238, 235 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 238, 238, 235 by changing the saturation by 10% instead.

■ 238, 238, 235

255, 255, 255

■ 238, 238, 235

■ 210, 210, 207

■ 182, 182, 179

■ 155, 155, 153

■ 129, 129, 127

■ 104, 104, 102

■ 80, 80, 78

■ 57, 57, 55

■ 36, 36, 34

■ 14, 14, 11

 238, 238, 235

 238, 238, 235

 238, 238, 211


 238, 238, 255


 238, 238, 187

 238, 238, 164

 238, 238, 140

 238, 238, 116

 238, 238, 92

 238, 238, 68

 238, 238, 45

 238, 238, 21

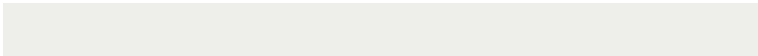
Harmonies

Analogous

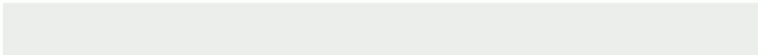
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 238, 235



238, 238, 235



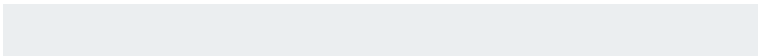
236, 238, 236

Triad

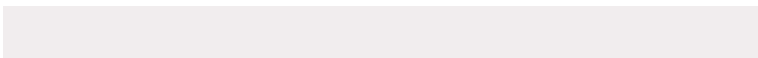
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238, 238, 235



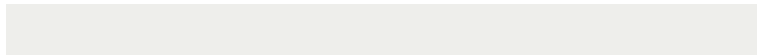
235, 238, 240



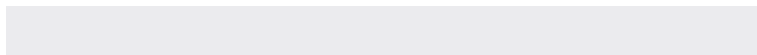
241, 237, 238

Complementary

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



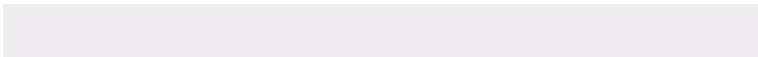
238, 238, 235



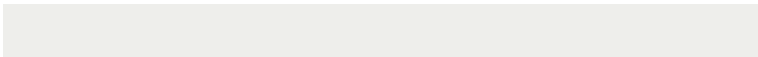
235, 235, 238

Split Complementary

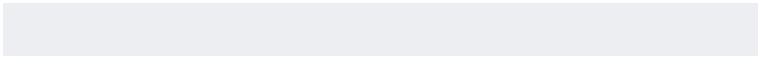
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239, 237, 240



238, 238, 235



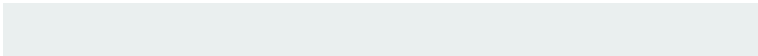
236, 238, 241

Square

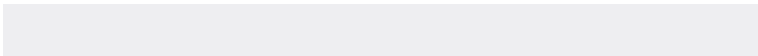
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



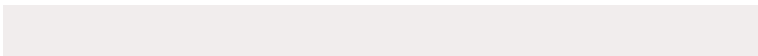
238, 238, 235



234, 239, 239



238, 238, 241



241, 237, 237

Rectangle

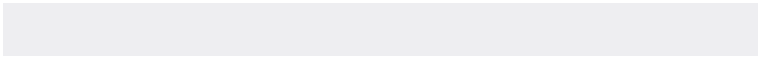
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



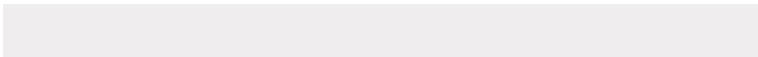
238, 238, 235



235, 239, 237



238, 238, 241



240, 237, 239

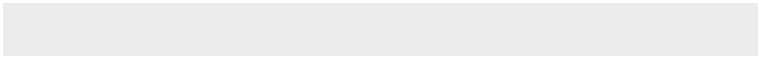
Sweetspot

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



238, 238, 235

255, 255, 255



238, 235, 235



128, 128, 128



0, 0, 0

Same Dimension

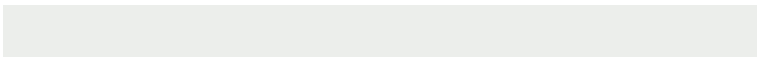
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238, 238, 235



255, 255, 250



236, 238, 235



120, 120, 117



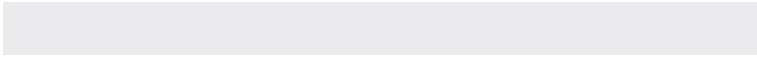
184, 184, 0



56, 56, 0

Inverse Universe

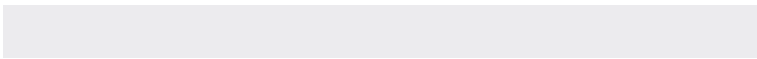
The Inverse Universe completely reimagines the original color for something new.



235, 235, 238



250, 250, 255



236, 235, 238



117, 117, 120



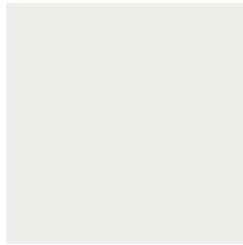
0, 0, 184



0, 0, 56

Previews

White Background



This preview shows how the RGB color 238, 238, 235 looks on a white background.

Color Contrast Check

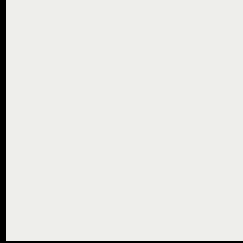
Large Text (above 18pt) WCAG AA × Fail

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 238, 238, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

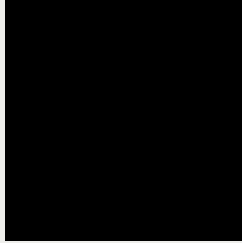
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

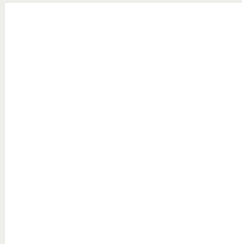
Any Text WCAG AAA ✓ Pass

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

RGB 238, 238, 235 Background



This preview shows how black text looks on a background with the RGB color 238, 238, 235.

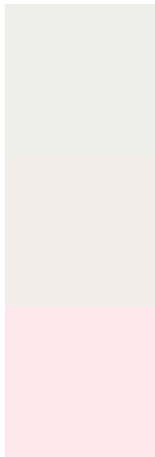


This preview shows how white text looks on a background with the RGB color 238, 238, 235.

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
238, 238, 235

Protanopia
243, 237, 234

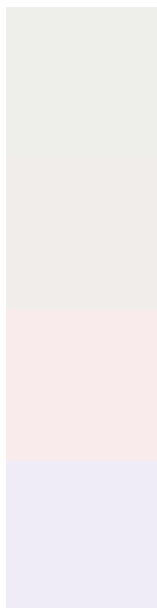
Deuteranopia
255, 232, 237



Tritanopia

241, 235, 254

Trichromacy



Original Color

238, 238, 235

Protanomaly

241, 237, 234

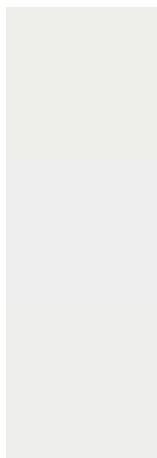
Deuteranomaly

249, 234, 236

Tritanomaly

240, 236, 247

Monochromacy



Original Color

238, 238, 235

Achromatopsia

238, 238, 238

Achromatomaly

238, 238, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 238, 235 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(238, 238, 235)` looks like.

```
.text, #text, p{  
    color:rgb(238, 238, 235)  
}
```

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(238, 238, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 238, 235) }
```

Border

The CSS property to change the border of an element to RGB 238, 238, 235 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(238, 238, 235) }
```

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

```
.border{ border-color:rgb(238, 238, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 238, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 238, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 238, 235);  
box-shadow:4px 4px 4px 4px rgb(238, 238,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 238, 238, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 238, 235) }
```

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

```
.background{ background-color: rgb(238,  
238, 235) }
```

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