

Converting Colors

RGB(235, 245, 235)

Have a look what the booklet for
RGB(235, 245, 235) contains.

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Color

RGB(235, 245, 235)

Conversions

Conversions Part 1

Format	Color
Hex	EBF5EB
RGB	235, 245, 235
RGB Percent	92%, 96%, 92%
CMY	0.0784, 0.0392, 0.0784
CMYK	0.04, 0.00, 0.04, 0.04
HSL	120°, 33%, 94%
HSV	120°, 4%, 96%
XYZ	81.9088, 88.9651, 91.4522
YIQ	240.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

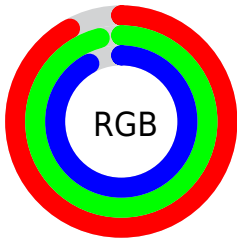
Format	Color
R _{YB}	235, 245, 245
Decimal	15463915
CIE Lab	95.57, -5.08, 3.65
CIE LCh	96, 6.255, 144.258
Yxy	88.9651, 0.3122, 0.3391
Android (android.graphics.Color)	4293653995 (0xFFEBF5EB)
YUV	240.8700, -2.8939, -5.1480
Hunter-Lab	94.3213, -10.0527, 8.5385

Details

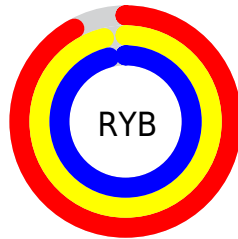
The RGB color `235, 245, 235` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `245, 235, 245`, and the grayscale version is `241, 241, 241`.

A 20% lighter version of the original color is `255, 255, 255`, and `179, 189, 179` is the 20% darker color. If you saturate the color by 10%, you get `210, 245, 210`, and if you desaturate by 10%, it is `255, 245, 255`.

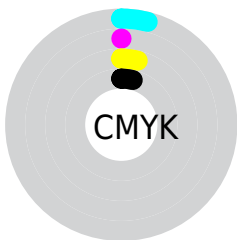
Distribution



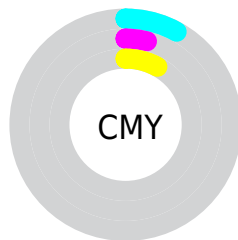
- Red (92%)
- Green (96%)
- Blue (92%)



- Red (92%)
- Yellow (96%)
- Blue (96%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 245, 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 235, 245, 235 by changing the saturation by 10% instead.

 235, 245, 235


 235, 245, 235

255, 255, 255

 207, 217, 207

 179, 189, 179

 153, 162, 153


 127, 136, 127

 102, 110, 102

 78, 86, 78

 55, 63, 55

 33, 41, 34

 11, 21, 11

 235, 245, 235

 235, 245, 235

 210, 245, 210

 255, 245, 255

 186, 245, 186

 162, 245, 162

 137, 245, 137

 113, 245, 113

 88, 245, 88

 63, 245, 63

 39, 245, 39

 14, 245, 14

Harmonies

Analogous

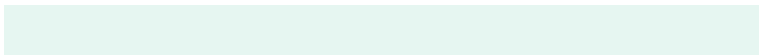
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242, 243, 231



235, 245, 235



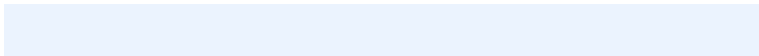
230, 246, 241

Triad

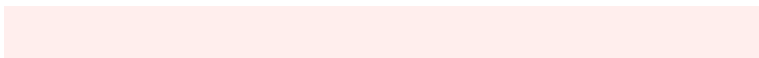
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235, 245, 235



235, 243, 254



255, 238, 237

Complementary

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



235, 245, 235



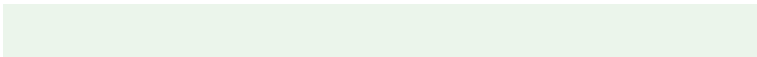
245, 235, 245

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.



254, 238, 244



235, 245, 235



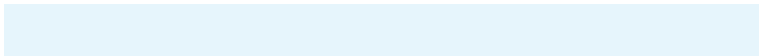
242, 241, 253

Square

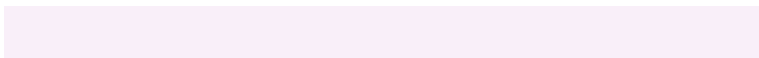
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



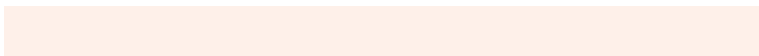
235, 245, 235



230, 245, 252



249, 239, 249



254, 240, 233

Rectangle

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



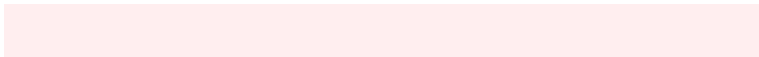
235, 245, 235



228, 246, 245



249, 239, 249



255, 238, 239

Sweetspot

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



235, 245, 235



252, 255, 252



245, 245, 235



126, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

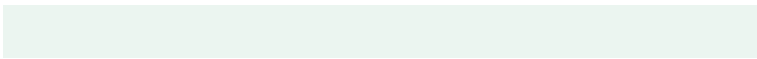
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 245, 235



242, 255, 242



235, 245, 240



115, 122, 115



0, 186, 0



0, 59, 0

Inverse Universe

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



245, 235, 245



255, 242, 255



245, 235, 240



122, 115, 122



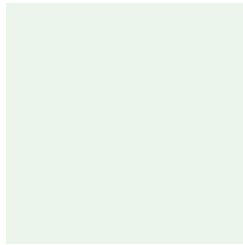
186, 0, 186



59, 0, 59

Previews

White Background



This preview shows how the RGB color 235, 245, 235 looks on a white background.

Color Contrast Check

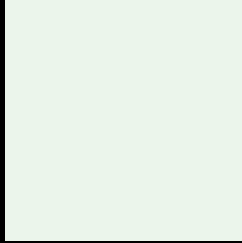
Large Text (above 18pt) WCAG AA × Fail

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 235, 245, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

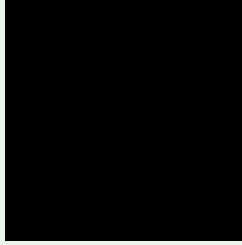
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

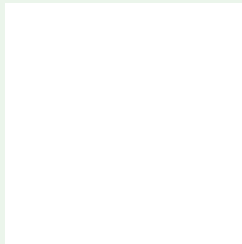
Any Text WCAG AAA ✓ Pass

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

RGB 235, 245, 235 Background



This preview shows how black text looks on a background with the RGB color 235, 245, 235.

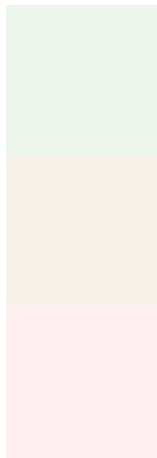


This preview shows how white text looks on a background with the RGB color 235, 245, 235.

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
235, 245, 235

Protanopia
248, 241, 233

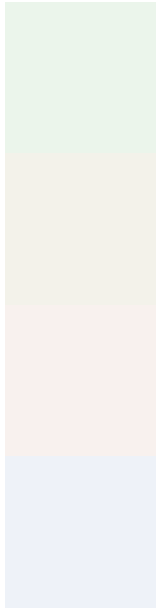
Deuteranopia
255, 238, 240



Tritanopia

240, 241, 255

Trichromacy



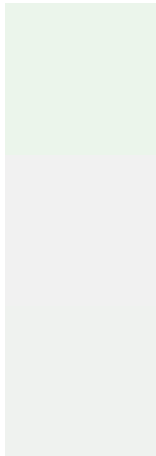
Original Color
235, 245, 235

Protanomaly
243, 242, 234

Deuteranomaly
248, 241, 238

Tritanomaly
238, 242, 248

Monochromacy



Original Color
235, 245, 235

Achromatopsia
241, 241, 241

Achromatomaly
239, 242, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 245, 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(235, 245, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 245, 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(235, 245, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 245, 235) }
```

Border

The CSS property to change the border of an element to RGB 235, 245, 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(235, 245, 235) }
```

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

```
.border{ border-color:rgb(235, 245, 235) }
```

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

Here you see how a box with a 4 pixel rgb(235, 245, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 245, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 245, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 245,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 235, 245, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 245, 235) }
```

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

```
.background{ background-color: rgb(235,  
245, 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](#).

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