

Converting Colors

`RYB(235, 245, 235)`

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

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Color

R_YB(235, 245, 235)

Conversions

Conversions Part 1

Format	Color
Hex	F5F5EB
RGB	245, 245, 235
RGB Percent	96%, 96%, 92%
CMY	0.0392, 0.0392, 0.0784
CMYK	0.00, 0.00, 0.04, 0.04
HSL	60°, 33%, 94%
HSV	60°, 4%, 96%
XYZ	85.3040, 90.7155, 91.6111
YIQ	243.8600, 3.2100, -3.1100

Conversions

Conversions Part 2

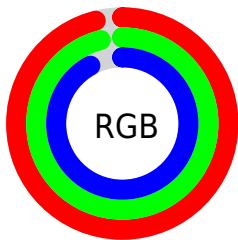
Format	Color
R _Y B	235, 245, 235
Decimal	16119275
CIE Lab	96.29, -1.72, 4.80
CIE LCh	96, 5.098, 109.771
Yxy	90.7155, 0.3187, 0.3390
Android (android.graphics.Color)	4294309355 (0xFFFF5F5EB)
YUV	243.8600, -4.3680, 0.9998
Hunter-Lab	95.2447, -6.8082, 9.6432

Details

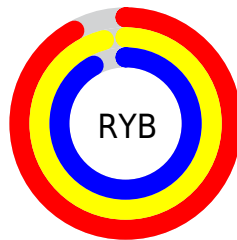
The RYB color **235, 245, 235** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **235, 235, 245**, and the grayscale version is **244, 244, 244**.

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 **245, 245, 255**.

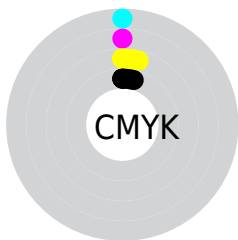
Distribution



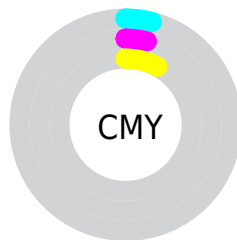
- Red (96%)
- Green (96%)
- Blue (92%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB 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 RYB 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

 34, 41, 34

 12, 21, 11

 235, 245, 235

 235, 245, 235

 210, 245, 210

 245, 245, 255

 186, 245, 186

 162, 245, 162

 137, 245, 137

 113, 245, 113

 88, 245, 88

 63, 245, 63

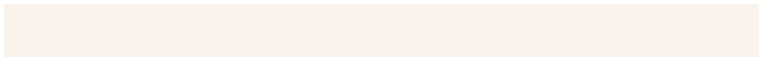
 39, 245, 39

 14, 245, 14

Harmonies

Analogous

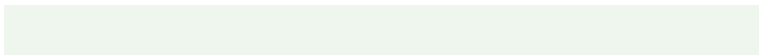
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 250, 235



235, 245, 235



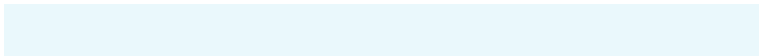
238, 246, 245

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



234, 242, 252



254, 241, 246

Complementary

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



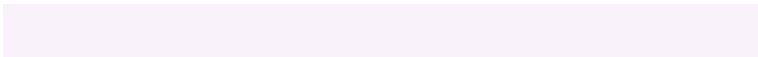
235, 245, 235



235, 235, 245

Split Complementary

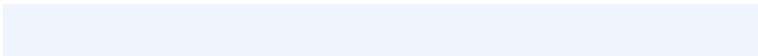
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 242, 251



235, 245, 235



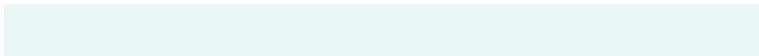
238, 243, 254

Square

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



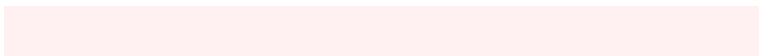
235, 245, 235



233, 240, 247



243, 244, 254



255, 241, 241

Rectangle

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



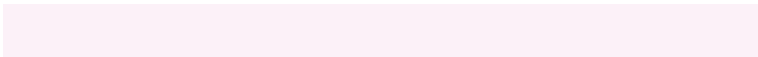
235, 245, 235



236, 244, 247



243, 244, 254



252, 241, 248

Sweetspot

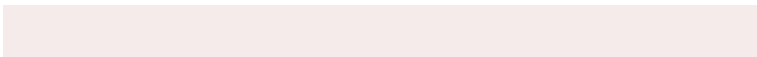
The Sweet Spot groups the original color and five complimentary colors.



235, 245, 235



252, 255, 252



245, 235, 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.



235, 235, 245



242, 242, 255



240, 235, 245



115, 115, 122



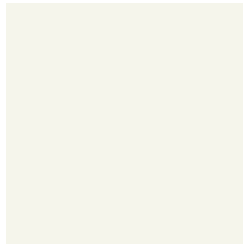
0, 0, 186



0, 0, 59

Previews

White Background



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

Color Contrast Check

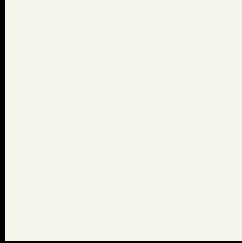
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB 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

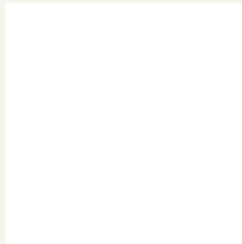
Any Text WCAG AAA ✓ Pass

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

RYB 235, 245, 235 Background



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

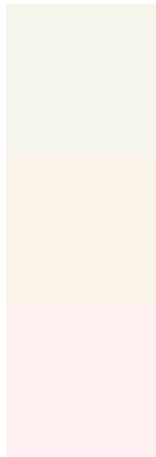


This preview shows how white text looks on a background with the RYB color 235, 245, 235.

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
249, 251, 234

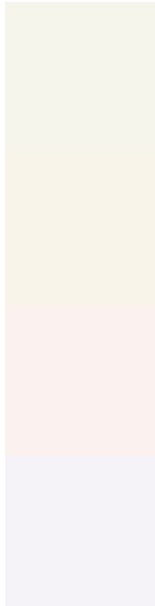
Deuteranopia
255, 241, 241



Tritanopia

247, 242, 255

Trichromacy



Original Color

235, 245, 235

Protanomaly

242, 249, 234

Deuteranomaly

251, 243, 239

Tritanomaly

246, 243, 248

Monochromacy



Original Color

235, 245, 235

Achromatopsia

244, 244, 244

Achromatomaly

241, 244, 241

CSS Examples

Text

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

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

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

Border

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

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

```
.border{ border-color:rgb(245, 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(245, 245, 235)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RYB 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(245, 245, 235) }
```

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

```
.background{ background-color: rgb(245,  
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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