

Converting Colors

`RYB(235, 250, 235)`

Have a look what the booklet for
RYB(235, 250, 235) contains.

RYB(235, 250, 235)	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

R_YB(235, 250, 235)

Conversions

Conversions Part 1

Format	Color
Hex	FAFAEB
RGB	250, 250, 235
RGB Percent	98%, 98%, 92%
CMY	0.0196, 0.0196, 0.0784
CMYK	0.00, 0.00, 0.06, 0.02
HSL	60°, 60%, 95%
HSV	60°, 6%, 98%
XYZ	88.6053, 94.6934, 92.2049
YIQ	248.2900, 4.8150, -4.6650

Conversions

Conversions Part 2

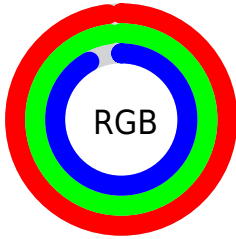
Format	Color
R _Y B	235, 250, 235
Decimal	16448235
CIE Lab	97.91, -2.56, 7.18
CIE LCh	98, 7.621, 109.589
Yxy	94.6934, 0.3216, 0.3437
Android (android.graphics.Color)	4294638315 (0xFFFAFAEB)
YUV	248.2900, -6.5520, 1.4997
Hunter-Lab	97.3105, -7.7616, 11.9381

Details

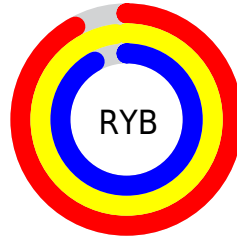
The RYB color **235, 250, 235** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **235, 235, 250**, and the grayscale version is **248, 248, 248**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 194, 179** is the 20% darker color. If you saturate the color by 10%, you get **210, 250, 210**, and if you desaturate by 10%, it is **250, 250, 255**.

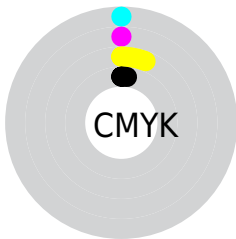
Distribution



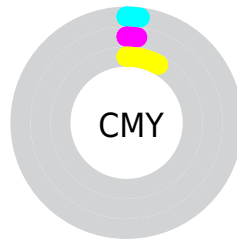
- Red (98%)
- Green (98%)
- Blue (92%)



- Red (92%)
- Yellow (98%)
- Blue (92%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 250, 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, 250, 235 by changing the saturation by 10% instead.

 235, 250, 235

255, 255, 255

 235, 250, 235

 207, 221, 207

 179, 194, 179

 153, 166, 153


 127, 140, 127

 102, 115, 103

 78, 90, 78

 55, 67, 56

 33, 45, 34

 11, 24, 11

 235, 250, 235

 235, 250, 235

 210, 250, 210

 250, 250, 255

 185, 250, 185

 160, 250, 160

 135, 250, 135

 110, 250, 110

 85, 250, 85

 60, 250, 60

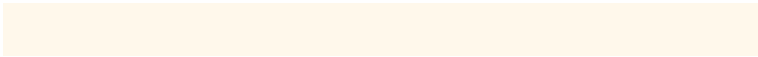
 35, 250, 35

 10, 250, 10

Harmonies

Analogous

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



246, 255, 235



235, 250, 235



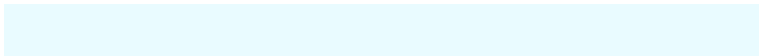
239, 252, 250

Triad

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



235, 250, 235



233, 243, 255



255, 244, 252

Complementary

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



235, 250, 235



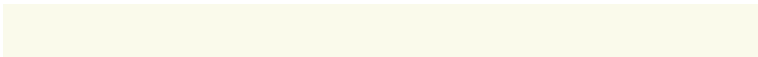
235, 235, 250

Split Complementary

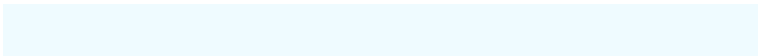
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 246, 255



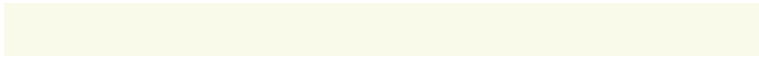
235, 250, 235



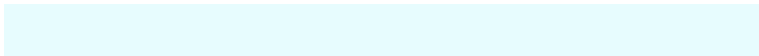
239, 246, 255

Square

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



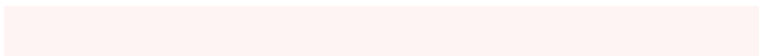
235, 250, 235



231, 242, 254



247, 248, 255



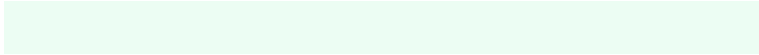
255, 244, 244

Rectangle

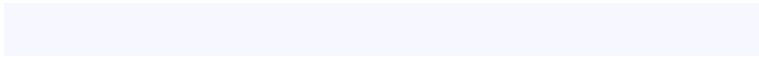
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235, 250, 235



236, 248, 253



247, 248, 255



255, 245, 254

Sweetspot

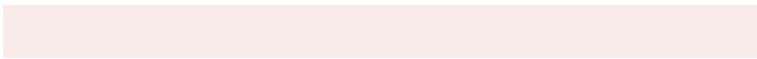
The Sweet Spot groups the original color and five complimentary colors.



235, 250, 235



250, 255, 250



250, 235, 235



125, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



235, 250, 235



237, 255, 237



235, 250, 242



115, 125, 115



0, 189, 0



0, 61, 0

Inverse Universe

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



235, 235, 250



237, 237, 255



243, 235, 250



115, 115, 125



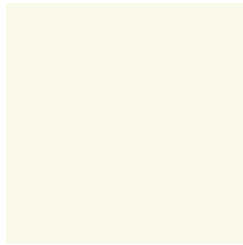
0, 0, 189



0, 0, 61

Previews

White Background



This preview shows how the RYB color 235, 250, 235 looks on a white background.

Color Contrast Check

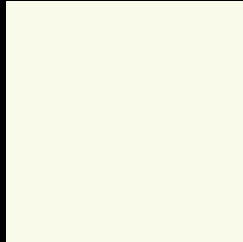
Large Text (above 18pt) WCAG AA × Fail

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, 250, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

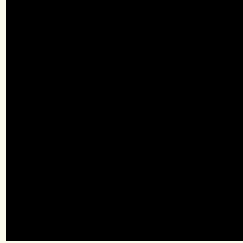
Any Text WCAG AA ✓ Pass

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, 250, 235 Background



This preview shows how black text looks on a background with the RYB color 235, 250, 235.

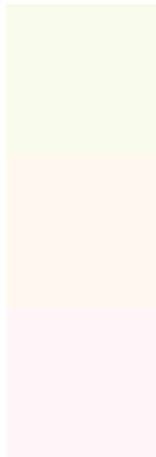


This preview shows how white text looks on a background with the RYB color 235, 250, 235.

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, 250, 235

Protanopia
250, 255, 238

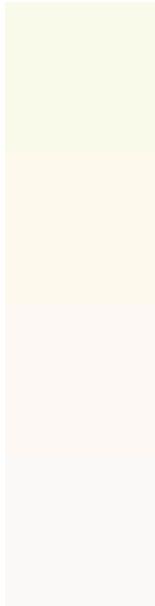
Deuteranopia
255, 247, 247



Tritanopia

251, 248, 255

Trichromacy



Original Color

235, 250, 235

Protanomaly

242, 253, 237

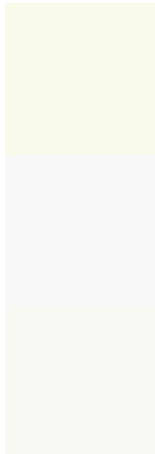
Deuteranomaly

253, 253, 243

Tritanomaly

251, 250, 248

Monochromacy



Original Color

235, 250, 235

Achromatopsia

248, 248, 248

Achromatomaly

243, 249, 243

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 250, 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(250, 250, 235) looks like.

```
.text, #text, p{  
    color:rgb(250, 250, 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(250, 250, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 250, 235) }
```

Border

The CSS property to change the border of an element to RYB 235, 250, 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(250, 250, 235) }
```

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

```
.border{ border-color:rgb(250, 250, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 250, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 250, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 250, 235);  
box-shadow:4px 4px 4px 4px rgb(250, 250,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 255, 255, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 255) }
```

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

```
.background{ background-color: rgb(255,  
255, 255) }
```

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