

Converting Colors

`RYB(235, 251, 244)`

Have a look what the booklet for RYB(235, 251, 244) contains.

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Color

RYB(235, 251, 244)

Conversions

Conversions Part 1

Format	Color
Hex	F2FBEB
RGB	242, 251, 235
RGB Percent	95%, 98%, 92%
CMY	0.0510, 0.0157, 0.0784
CMYK	0.04, 0.00, 0.06, 0.02
HSL	94°, 67%, 95%
HSV	94°, 6%, 98%
XYZ	86.1105, 93.8698, 92.1774
YIQ	246.4850, -0.2280, -6.8840

Conversions

Conversions Part 2

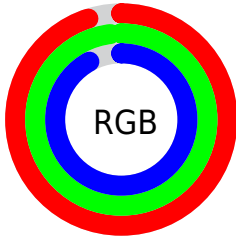
Format	Color
R_{YB}	235, 251, 244
Decimal	15924203
CIE Lab	97.58, -5.76, 6.63
CIE LCh	98, 8.778, 130.970
Yxy	93.8698, 0.3164, 0.3449
Android (android.graphics.Color)	4294114283 (0xFFFF2FBEB)
YUV	246.4850, -5.6621, -3.9333
Hunter-Lab	96.8864, -10.9043, 11.4122

Details

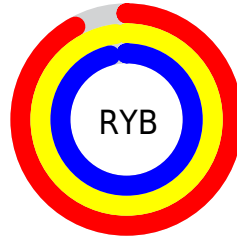
The RYB color **235, 251, 244** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **244, 235, 251**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 195, 188** is the 20% darker color. If you saturate the color by 10%, you get **210, 251, 233**, and if you desaturate by 10%, it is **255, 251, 255**.

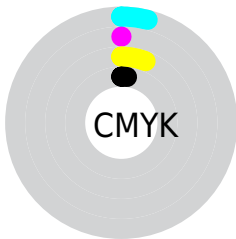
Distribution



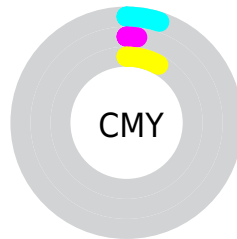
- Red (95%)
- Green (98%)
- Blue (92%)



- Red (92%)
- Yellow (98%)
- Blue (96%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 251, 244 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, 251, 244 by changing the saturation by 10% instead.

 235, 251, 244

 235, 251, 244

255, 255, 255

 207, 222, 215

 179, 195, 188

 153, 167, 161


 127, 141, 135

 102, 115, 109

 78, 91, 86

 55, 67, 62

 33, 45, 40

 11, 25, 18

 235, 251, 244

 235, 251, 244

 210, 251, 233

 255, 251, 255

 185, 251, 222

 160, 251, 211

 135, 251, 200

 109, 251, 189

 84, 251, 178

 59, 251, 167

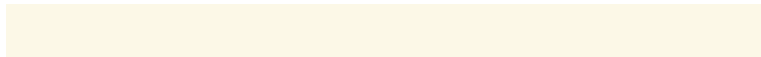
 34, 251, 156

 9, 251, 145

Harmonies

Analogous

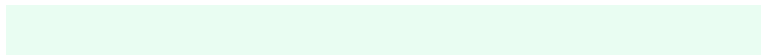
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236, 252, 231



235, 251, 244



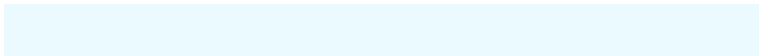
233, 247, 253

Triad

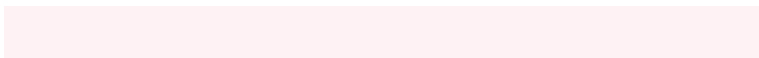
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235, 251, 244



234, 243, 255



255, 242, 245

Complementary

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



235, 251, 244



244, 235, 251

Split Complementary

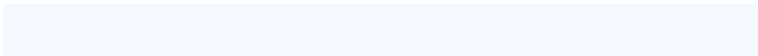
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 243, 254



235, 251, 244



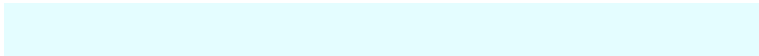
243, 247, 255

Square

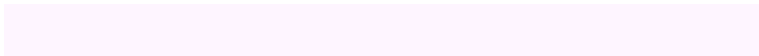
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



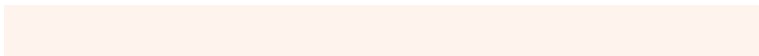
235, 251, 244



228, 241, 255



254, 245, 255



255, 246, 237

Rectangle

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



235, 251, 244



229, 242, 253



254, 245, 255



255, 242, 248

Sweetspot

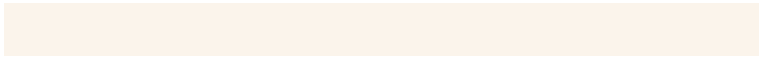
The Sweet Spot groups the original color and five complimentary colors.



235, 251, 244



250, 255, 253



247, 251, 235



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

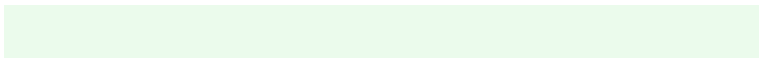
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 251, 244



235, 255, 246



235, 250, 251



112, 125, 119



0, 189, 106



0, 61, 34

Inverse Universe

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



244, 235, 251



246, 235, 255



251, 235, 250



119, 112, 125



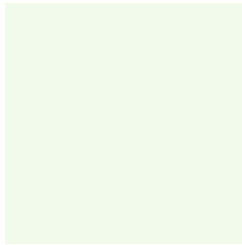
106, 0, 189



34, 0, 61

Previews

White Background



This preview shows how the RYB color 235, 251, 244 looks on a white background.

Color Contrast Check

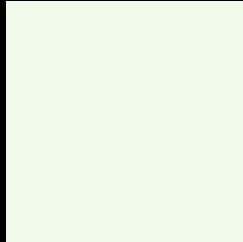
Large Text (above 18pt) WCAG AA × Fail

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, 251, 244 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

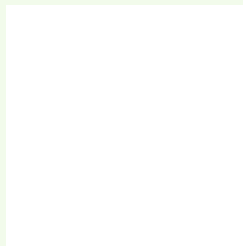
Any Text WCAG AAA ✓ Pass

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

RYB 235, 251, 244 Background



This preview shows how black text looks on a background with the RYB color 235, 251, 244.

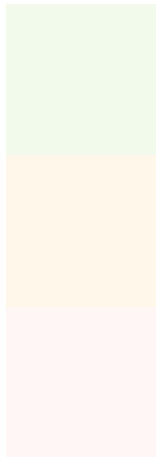


This preview shows how white text looks on a background with the RYB color 235, 251, 244.

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, 251, 244

Protanopia
247, 255, 234

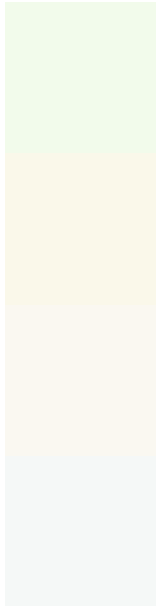
Deuteranopia
255, 246, 245



Tritanopia

247, 247, 255

Trichromacy



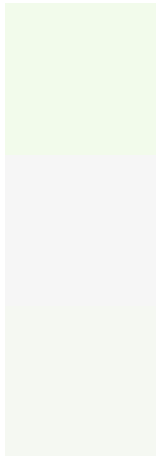
Original Color
235, 251, 244

Protanomaly
236, 250, 234

Deuteranomaly
244, 250, 241

Tritanomaly
245, 247, 248

Monochromacy



Original Color
235, 251, 244

Achromatopsia
246, 246, 246

Achromatomaly
242, 248, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 251, 244 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(242, 251, 235) looks like.

```
.text, #text, p{  
    color:rgb(242, 251, 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(242, 251, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 251, 235) }
```

Border

The CSS property to change the border of an element to RYB 235, 251, 244 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(242, 251, 235) }
```

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

```
.border{ border-color:rgb(242, 251, 235) }
```

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

Here you see how a box with a 4 pixel rgb(242, 251, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 251, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 251, 235);  
box-shadow:4px 4px 4px 4px rgb(242, 251,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 235, 251, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 251, 235) }
```

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

```
.background{ background-color: rgb(242,  
251, 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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