

Converting Colors

`RYB(235, 253, 239)`

Have a look what the booklet for
RYB(235, 253, 239) contains.

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Color

R_YB(235, 253, 239)

Conversions

Conversions Part 1

Format	Color
Hex	F9FDEB
RGB	249, 253, 235
RGB Percent	98%, 99%, 92%
CMY	0.0235, 0.0078, 0.0784
CMYK	0.02, 0.00, 0.07, 0.01
HSL	73°, 82%, 96%
HSV	73°, 7%, 99%
XYZ	89.1876, 96.3885, 92.5014
YIQ	249.7520, 3.3940, -6.4460

Conversions

Conversions Part 2

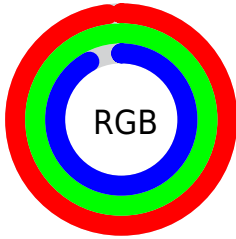
Format	Color
R _Y B	235, 253, 239
Decimal	16383467
CIE Lab	98.59, -4.40, 8.14
CIE LCh	99, 9.255, 118.386
Yxy	96.3885, 0.3207, 0.3466
Android (android.graphics.Color)	4294573547 (0xFFF9FDEB)
YUV	249.7520, -7.2727, -0.6595
Hunter-Lab	98.1776, -9.6559, 12.8622

Details

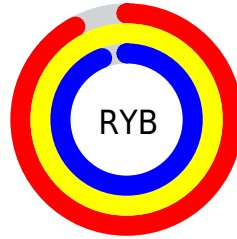
The RYB color **235, 253, 239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **239, 235, 253**, and the grayscale version is **250, 250, 250**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 196, 182** is the 20% darker color. If you saturate the color by 10%, you get **210, 253, 220**, and if you desaturate by 10%, it is **255, 253, 255**.

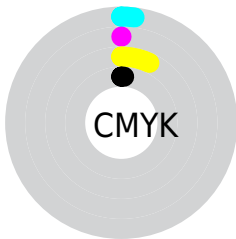
Distribution



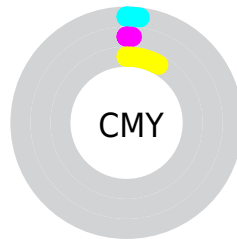
- Red (98%)
- Green (99%)
- Blue (92%)



- Red (92%)
- Yellow (99%)
- Blue (94%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)



- Cyan (2%)
- Magenta (1%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 253, 239 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, 253, 239 by changing the saturation by 10% instead.

 235, 253, 239

255, 255, 255

 235, 253, 239

 207, 224, 211

 179, 196, 182

 153, 169, 157


 127, 143, 131

 102, 117, 105

 78, 93, 82

 55, 69, 58

 33, 47, 37

 11, 26, 14

235, 253, 239

235, 253, 239

210, 253, 220

255, 253, 255

184, 253, 199

159, 253, 180

134, 253, 160

109, 253, 141

83, 253, 121

58, 253, 101

33, 253, 82

7, 253, 62

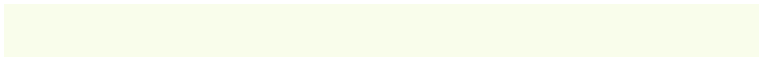
Harmonies

Analogous

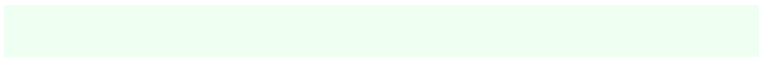
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 255, 233



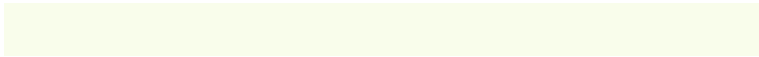
235, 253, 239



239, 253, 255

Triad

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



235, 253, 239



233, 244, 255



255, 245, 252

Complementary

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



235, 253, 239



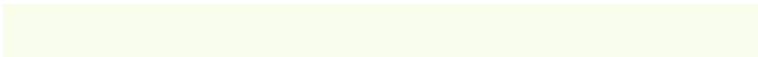
239, 235, 253

Split Complementary

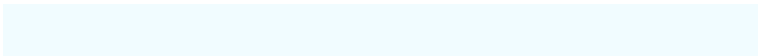
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 246, 255



235, 253, 239



241, 247, 255

Square

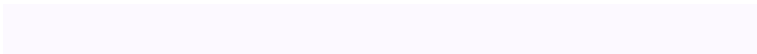
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



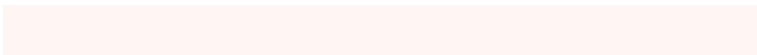
235, 253, 239



229, 242, 255



252, 249, 255



255, 245, 243

Rectangle

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



235, 253, 239



233, 246, 255



252, 249, 255



255, 245, 255

Sweetspot

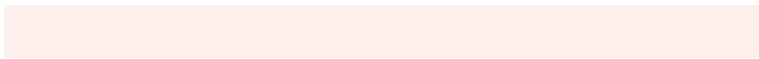
The Sweet Spot groups the original color and five complimentary colors.



235, 253, 239



250, 255, 251



253, 240, 235



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



235, 253, 239



232, 255, 237



235, 253, 248



115, 128, 118



0, 191, 42



0, 64, 14

Inverse Universe

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



239, 235, 253



237, 232, 255



248, 235, 253



118, 115, 128



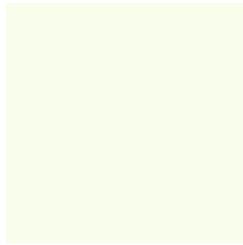
43, 0, 191



14, 0, 64

Previews

White Background



This preview shows how the RYB color 235, 253, 239 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, 253, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

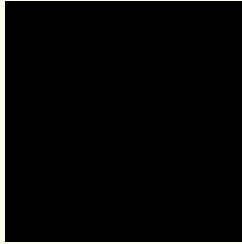
Any Text WCAG AA ✓ Pass

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, 253, 239 Background



This preview shows how black text looks on a background with the RYB color 235, 253, 239.

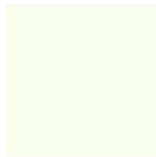


This preview shows how white text looks on a background with the RYB color 235, 253, 239.

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, 253, 239



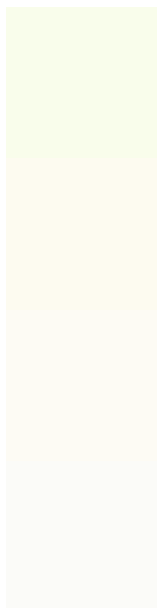
Protanopia
252, 255, 243

Deuteranopia
255, 250, 249

Tritanopia

252, 250, 255

Trichromacy



Original Color

235, 253, 239

Protanomaly

242, 253, 240

Deuteranomaly

247, 253, 244

Tritanomaly

248, 251, 248

Monochromacy



Original Color

235, 253, 239

Achromatopsia

250, 250, 250

Achromatomaly

245, 251, 246

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 253, 239 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(249, 253, 235) looks like.

```
.text, #text, p{  
    color:rgb(249, 253, 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(249, 253, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 253, 235) }
```

Border

The CSS property to change the border of an element to RYB 235, 253, 239 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(249, 253, 235) }
```

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

```
.border{ border-color:rgb(249, 253, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 253, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 253, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 253, 235);  
box-shadow:4px 4px 4px 4px rgb(249, 253,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 235, 253, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 253, 235) }
```

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

```
.background{ background-color: rgb(249,  
253, 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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