

Converting Colors

`RYB(239, 250, 250)`

Have a look what the booklet for
RYB(239, 250, 250) contains.

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Color

R_YB(239, 250, 250)

Conversions

Conversions Part 1

Format	Color
Hex	EFAAEF
RGB	239, 250, 239
RGB Percent	94%, 98%, 94%
CMY	0.0627, 0.0196, 0.0627
CMYK	0.04, 0.00, 0.04, 0.02
HSL	120°, 52%, 96%
HSV	120°, 4%, 98%
XYZ	85.3622, 92.9539, 95.1042
YIQ	245.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

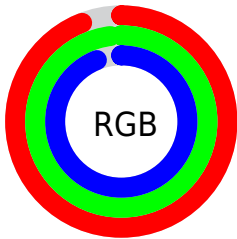
Format	Color
R _{YB}	239, 250, 250
Decimal	15727343
CIE Lab	97.21, -5.56, 4.01
CIE LCh	97, 6.857, 144.236
Yxy	92.9539, 0.3122, 0.3400
Android (android.graphics.Color)	4293917423 (0xFFEFAEF)
YUV	245.4570, -3.1833, -5.6628
Hunter-Lab	96.4126, -10.6810, 9.0035

Details

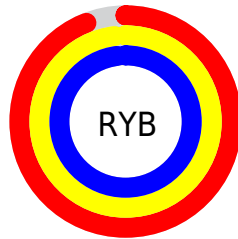
The RYB color **239, 250, 250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **250, 239, 250**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **183, 194, 194** is the 20% darker color. If you saturate the color by 10%, you get **214, 250, 250**, and if you desaturate by 10%, it is **255, 250, 255**.

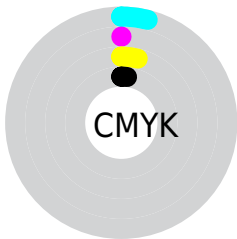
Distribution



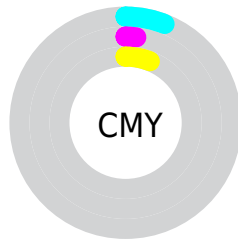
- Red (94%)
- Green (98%)
- Blue (94%)



- Red (94%)
- Yellow (98%)
- Blue (98%)



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 239, 250, 250 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 239, 250, 250 by changing the saturation by 10% instead.

 239, 250, 250


255, 255, 255

 239, 250, 250


 211, 221, 221

 183, 194, 194

 156, 166, 166

 130, 140, 140

 105, 115, 115

 81, 90, 90

 58, 67, 67

 36, 44, 44

 15, 24, 24

 239, 250, 250

 239, 250, 250

 214, 250, 250

 255, 250, 255

 189, 250, 250

 164, 250, 250

 139, 250, 250

 114, 250, 250

 89, 250, 250

 64, 250, 250

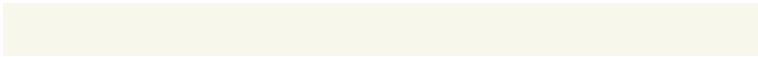
 39, 250, 250

 14, 250, 250

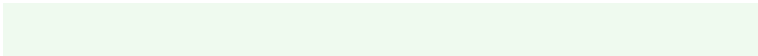
Harmonies

Analogous

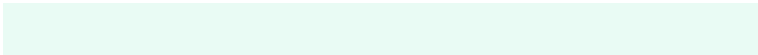
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235, 248, 236



239, 250, 250



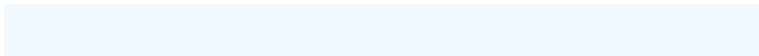
233, 244, 251

Triad

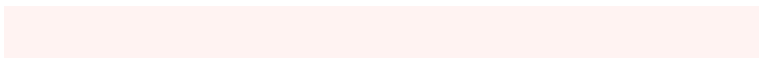
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239, 250, 250



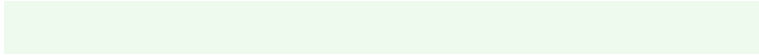
239, 245, 255



255, 243, 242

Complementary

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



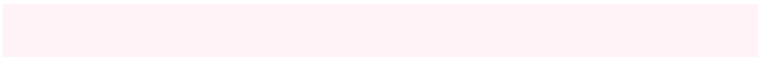
239, 250, 250



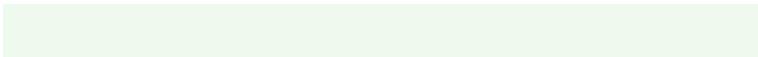
250, 239, 250

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, 243, 248



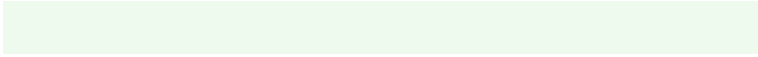
239, 250, 250



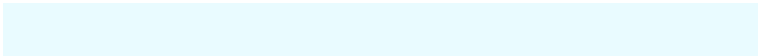
247, 246, 255

Square

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



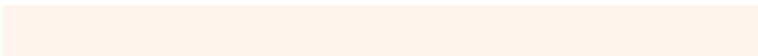
239, 250, 250



233, 243, 255



255, 244, 255



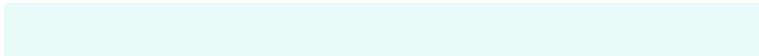
255, 250, 236

Rectangle

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



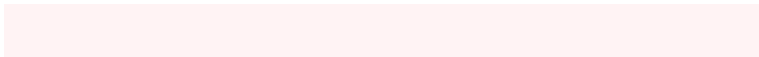
239, 250, 250



231, 241, 251



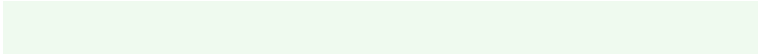
255, 244, 255



255, 243, 244

Sweetspot

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



239, 250, 250



252, 255, 255



239, 250, 239



126, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



239, 250, 250



242, 255, 255



239, 247, 250



117, 125, 125



0, 189, 189



0, 61, 61

Inverse Universe

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



250, 239, 250



255, 242, 255



250, 239, 244



125, 117, 125



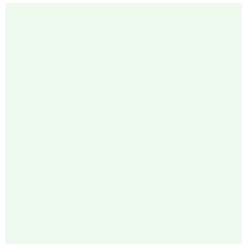
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RYB color 239, 250, 250 looks on a white background.

Color Contrast Check

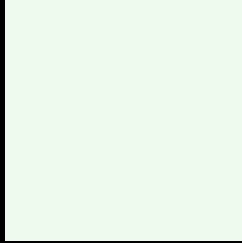
Large Text (above 18pt) WCAG AA × Fail

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 239, 250, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

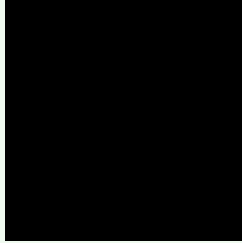
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

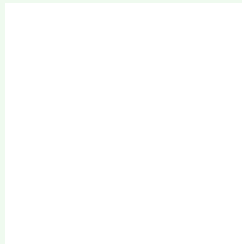
Any Text WCAG AAA ✓ Pass

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

RYB 239, 250, 250 Background



This preview shows how black text looks on a background with the RYB color 239, 250, 250.

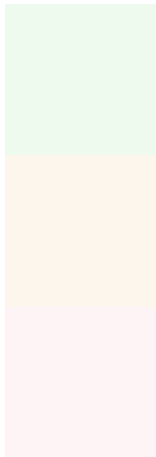


This preview shows how white text looks on a background with the RYB color 239, 250, 250.

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
239, 250, 250

Protanopia
249, 253, 237

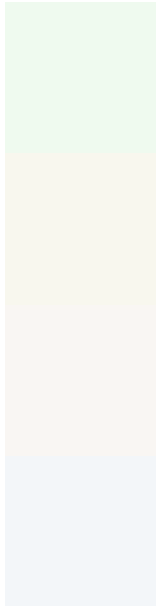
Deuteranopia
255, 244, 245



Tritanopia

245, 246, 255

Trichromacy



Original Color

239, 250, 250

Protanomaly

239, 248, 238

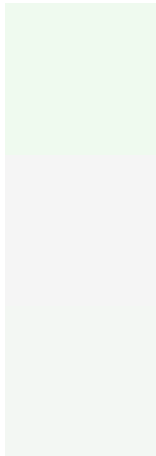
Deuteranomaly

249, 249, 243

Tritanomaly

243, 245, 249

Monochromacy



Original Color

239, 250, 250

Achromatopsia

245, 245, 245

Achromatomaly

243, 247, 247

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 250, 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(239, 250, 239) looks like.

```
.text, #text, p{  
    color:rgb(239, 250, 239)  
}
```

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(239, 250, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 250, 239) }
```

Border

The CSS property to change the border of an element to RYB 239, 250, 250 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(239, 250, 239) }
```

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

```
.border{ border-color:rgb(239, 250, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 250, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 250, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 250, 239);  
box-shadow:4px 4px 4px 4px rgb(239, 250,  
239) }
```

Background

The CSS property to change the background color of an element to RYB 239, 250, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 250, 239) }
```

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

```
.background{ background-color: rgb(239,  
250, 239) }
```

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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