

Converting Colors

RGB(240, 248, 239)

Have a look what the booklet for
RGB(240, 248, 239) contains.

RGB(240, 248, 239)	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

RGB(240, 248, 239)

Conversions

Conversions Part 1

Format	Color
Hex	F0F8EF
RGB	240, 248, 239
RGB Percent	94%, 97%, 94%
CMY	0.0588, 0.0275, 0.0627
CMYK	0.03, 0.00, 0.04, 0.03
HSL	113°, 39%, 95%
HSV	113°, 4%, 97%
XYZ	85.0826, 91.8921, 94.9140
YIQ	244.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

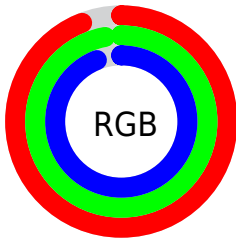
Format	Color
R _Y B	239, 248, 247
Decimal	15792367
CIE Lab	96.78, -4.23, 3.39
CIE LCh	97, 5.417, 141.272
Yxy	91.8921, 0.3129, 0.3380
Android (android.graphics.Color)	4293982447 (0xFFFF0F8EF)
YUV	244.5820, -2.7519, -4.0184
Hunter-Lab	95.8603, -9.3247, 8.3976

Details

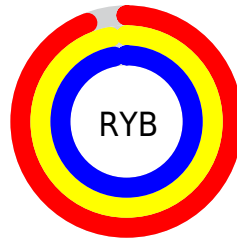
The RGB color **240, 248, 239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **247, 239, 248**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **184, 192, 183** is the 20% darker color. If you saturate the color by 10%, you get **218, 248, 214**, and if you desaturate by 10%, it is **255, 248, 255**.

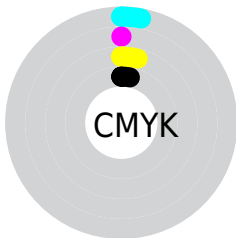
Distribution



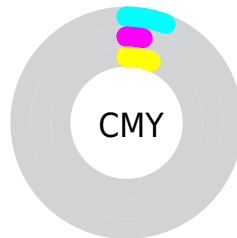
- Red (94%)
- Green (97%)
- Blue (94%)



- Red (94%)
- Yellow (97%)
- Blue (97%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (6%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 248, 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 RGB color 240, 248, 239 by changing the saturation by 10% instead.


 240, 248, 239

255, 255, 255

 240, 248, 239

 212, 219, 211

 184, 192, 183

 157, 165, 156

 131, 138, 130

 106, 113, 105

 82, 88, 81

 59, 65, 58

 37, 43, 36

 16, 23, 15

 240, 248, 239

 240, 248, 239

 218, 248, 214


 255, 248, 255

 196, 248, 189

 174, 248, 165

 152, 248, 140

 130, 248, 115

 108, 248, 90

 86, 248, 65

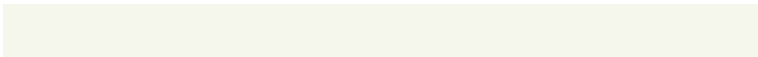
 64, 248, 41

 42, 248, 16

Harmonies

Analogous

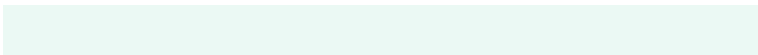
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246, 247, 236



240, 248, 239



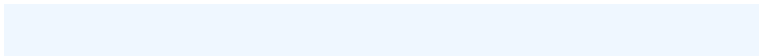
235, 249, 244

Triad

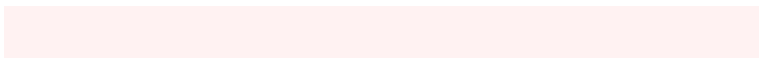
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240, 248, 239



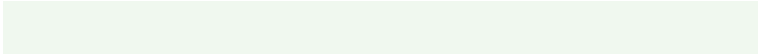
239, 247, 255



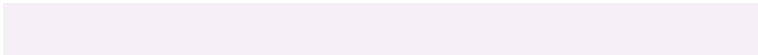
255, 242, 242

Complementary

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



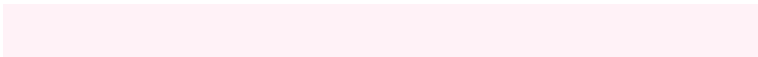
240, 248, 239



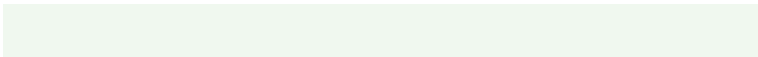
247, 239, 248

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, 242, 247



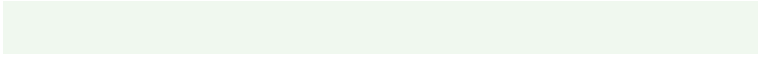
240, 248, 239



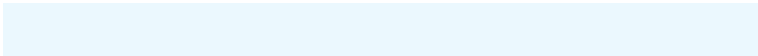
245, 245, 255

Square

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



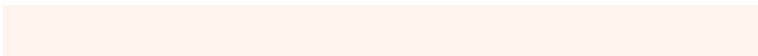
240, 248, 239



235, 248, 254



251, 243, 252



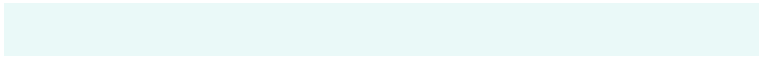
255, 243, 238

Rectangle

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



240, 248, 239



234, 249, 248



251, 243, 252



255, 242, 244

Sweetspot

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



240, 248, 239



253, 255, 252



248, 247, 239



126, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



240, 248, 239



246, 255, 245



239, 248, 242



119, 125, 119



21, 189, 0



7, 61, 0

Inverse Universe

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



247, 239, 248



254, 245, 255



248, 239, 245



124, 119, 125



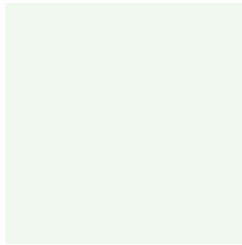
168, 0, 189



54, 0, 61

Previews

White Background



This preview shows how the RGB color 240, 248, 239 looks on a white background.

Color Contrast Check

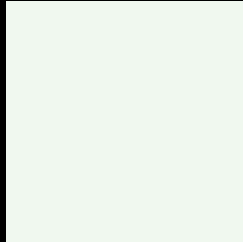
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 240, 248, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

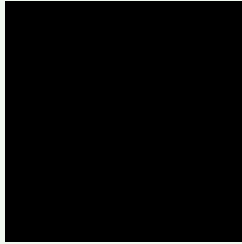
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

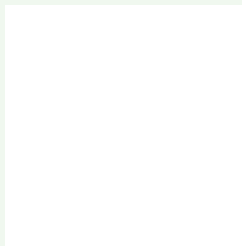
Any Text WCAG AAA ✓ Pass

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

RGB 240, 248, 239 Background



This preview shows how black text looks on a background with the RGB color 240, 248, 239.

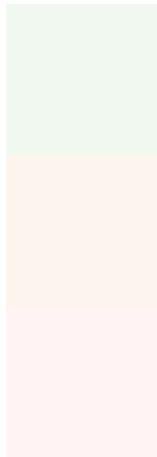


This preview shows how white text looks on a background with the RGB color 240, 248, 239.

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
240, 248, 239

Protanopia
252, 244, 237

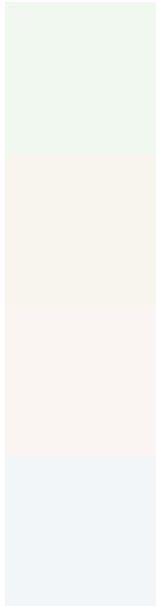
Deuteranopia
255, 243, 244



Tritanopia

245, 245, 255

Trichromacy



Original Color

240, 248, 239

Protanomaly

248, 245, 238

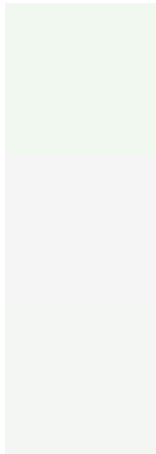
Deuteranomaly

250, 245, 242

Tritanomaly

243, 246, 249

Monochromacy



Original Color

240, 248, 239

Achromatopsia

245, 245, 245

Achromatomaly

243, 246, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 248, 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(240, 248, 239) looks like.

```
.text, #text, p{  
    color:rgb(240, 248, 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(240, 248, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 248, 239) }
```

Border

The CSS property to change the border of an element to RGB 240, 248, 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(240, 248, 239) }
```

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

```
.border{ border-color:rgb(240, 248, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 248, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 248, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 248, 239);  
box-shadow:4px 4px 4px 4px rgb(240, 248,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 240, 248, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 248, 239) }
```

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

```
.background{ background-color: rgb(240,  
248, 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](#).

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