

Converting Colors

RGB(235, 247, 238)

Have a look what the booklet for
RGB(235, 247, 238) contains.

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Color

RGB(235, 247, 238)

Conversions

Conversions Part 1

Format	Color
Hex	EBF7EE
RGB	235, 247, 238
RGB Percent	92%, 97%, 93%
CMY	0.0784, 0.0314, 0.0667
CMYK	0.05, 0.00, 0.04, 0.03
HSL	135°, 43%, 95%
HSV	135°, 5%, 97%
XYZ	82.9543, 90.3567, 93.9574
YIQ	242.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

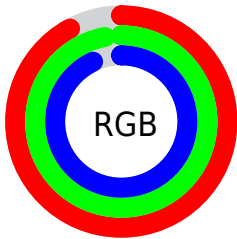
Format	Color
R_{YB}	235, 245, 247
Decimal	15464430
CIE Lab	96.14, -5.56, 2.94
CIE LCh	96, 6.287, 152.079
Yxy	90.3567, 0.3104, 0.3381
Android (android.graphics.Color)	4293654510 (0xFFEBF7EE)
YUV	242.3860, -2.1623, -6.4775
Hunter-Lab	95.0562, -10.5736, 7.9347

Details

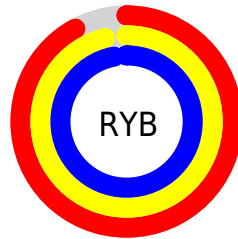
The RGB color **235, 247, 238** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **247, 235, 244**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 191, 182** is the 20% darker color. If you saturate the color by 10%, you get **210, 247, 219**, and if you desaturate by 10%, it is **255, 247, 255**.

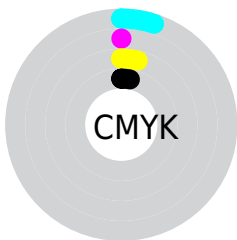
Distribution



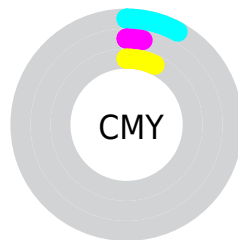
- Red (92%)
- Green (97%)
- Blue (93%)



- Red (92%)
- Yellow (96%)
- Blue (97%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (8%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 247, 238 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 235, 247, 238 by changing the saturation by 10% instead.

 235, 247, 238


255, 255, 255

 235, 247, 238

 207, 219, 210

 179, 191, 182

 152, 164, 155


 127, 137, 129

 102, 112, 104

 78, 88, 80

 55, 64, 57

 33, 42, 36

 11, 22, 14


 235, 247, 238

 235, 247, 238


 210, 247, 219

 255, 247, 255

 186, 247, 201

 161, 247, 182

 136, 247, 164

 111, 247, 145

 87, 247, 127

 62, 247, 108

 37, 247, 90

 13, 247, 71

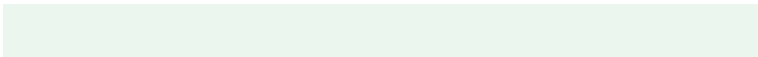
Harmonies

Analogous

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



242, 246, 234



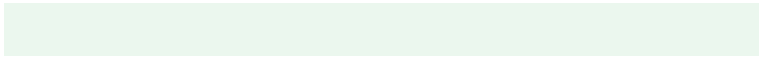
235, 247, 238



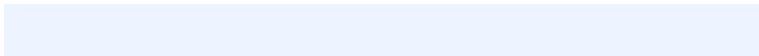
230, 248, 244

Triad

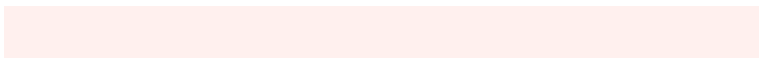
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235, 247, 238



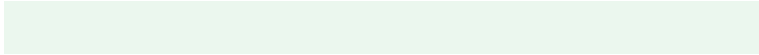
238, 244, 255



255, 240, 238

Complementary

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



235, 247, 238



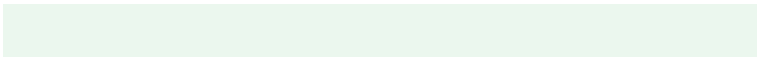
247, 235, 244

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, 240, 244



235, 247, 238



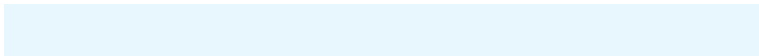
246, 242, 254

Square

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



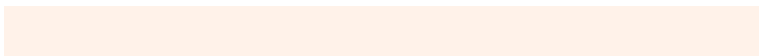
235, 247, 238



232, 246, 254



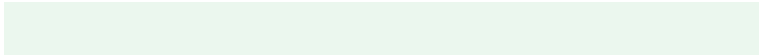
253, 241, 250



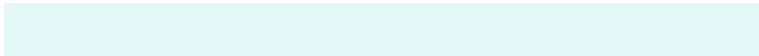
255, 242, 233

Rectangle

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



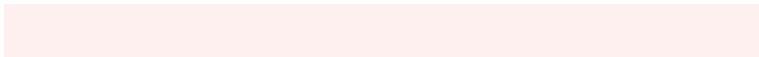
235, 247, 238



229, 248, 248



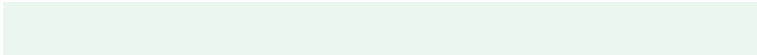
253, 241, 250



255, 240, 240

Sweetspot

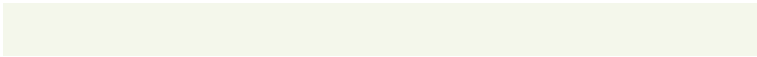
The Sweet Spot groups the original color and five complimentary colors.



235, 247, 238



252, 255, 253



244, 247, 235



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

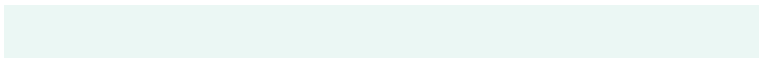
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 247, 238



240, 255, 244



235, 247, 244



114, 122, 116



0, 186, 47



0, 59, 15

Inverse Universe

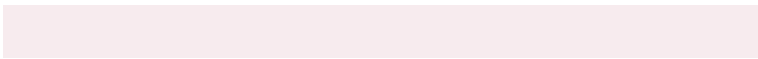
The Inverse Universe completely reimagines the original color for something new.



247, 235, 244



255, 240, 251



247, 235, 238



122, 114, 120



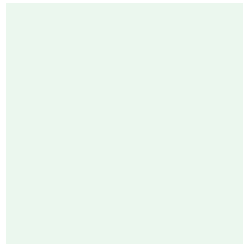
186, 0, 140



59, 0, 44

Previews

White Background



This preview shows how the RGB color 235, 247, 238 looks on a white background.

Color Contrast Check

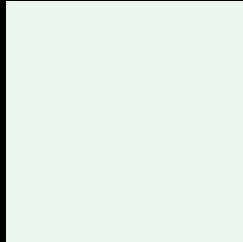
Large Text (above 18pt) WCAG AA × Fail

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 235, 247, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

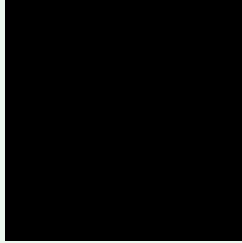
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

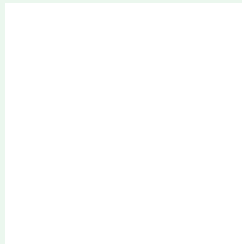
Any Text WCAG AAA ✓ Pass

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

RGB 235, 247, 238 Background



This preview shows how black text looks on a background with the RGB color 235, 247, 238.

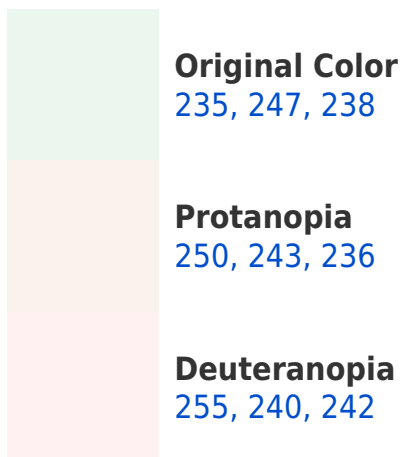


This preview shows how white text looks on a background with the RGB color 235, 247, 238.

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

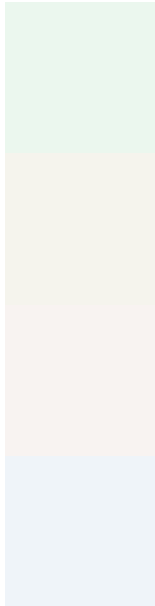




Tritanopia

241, 243, 255

Trichromacy



Original Color

235, 247, 238

Protanomaly

245, 244, 237

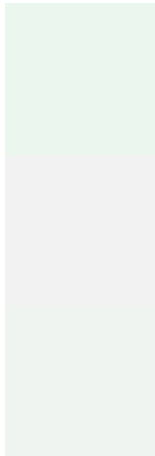
Deuteranomaly

248, 243, 241

Tritanomaly

239, 244, 249

Monochromacy



Original Color

235, 247, 238

Achromatopsia

242, 242, 242

Achromatomaly

239, 244, 241

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 247, 238 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(235, 247, 238)` looks like.

```
.text, #text, p{  
    color:rgb(235, 247, 238)  
}
```

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(235, 247, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 247, 238) }
```

Border

The CSS property to change the border of an element to RGB 235, 247, 238 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(235, 247, 238) }
```

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

```
.border{ border-color:rgb(235, 247, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 247, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 247, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 247, 238);  
box-shadow:4px 4px 4px 4px rgb(235, 247,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 235, 247, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 247, 238) }
```

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

```
.background{ background-color: rgb(235,  
247, 238) }
```

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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