

Converting Colors

RGB(236, 250, 246)

Have a look what the booklet for
RGB(236, 250, 246) contains.

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Color

RGB(236, 250, 246)

Conversions

Conversions Part 1

Format	Color
Hex	ECFAF6
RGB	236, 250, 246
RGB Percent	93%, 98%, 96%
CMY	0.0745, 0.0196, 0.0353
CMYK	0.06, 0.00, 0.02, 0.02
HSL	163°, 58%, 95%
HSV	163°, 6%, 98%
XYZ	85.4122, 92.8579, 100.6104
YIQ	245.3580, -7.0600, -4.2120

Conversions

Conversions Part 2

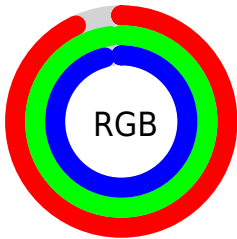
Format	Color
R _Y B	236, 244, 250
Decimal	15530742
CIE Lab	97.17, -5.30, 0.32
CIE LCh	97, 5.311, 176.550
Yxy	92.8579, 0.3063, 0.3330
Android (android.graphics.Color)	4293720822 (0xFFEFCFAF6)
YUV	245.3580, 0.3165, -8.2070
Hunter-Lab	96.3628, -10.4195, 5.5505

Details

The RGB color **236, 250, 246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **250, 236, 240**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **180, 194, 190** is the 20% darker color. If you saturate the color by 10%, you get **211, 250, 239**, and if you desaturate by 10%, it is **255, 250, 253**.

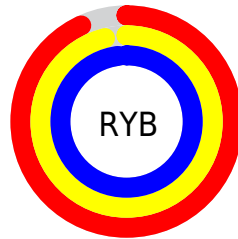
Distribution



Red (93%)

Green (98%)

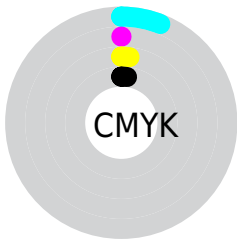
Blue (96%)



Red (93%)

Yellow (96%)

Blue (98%)

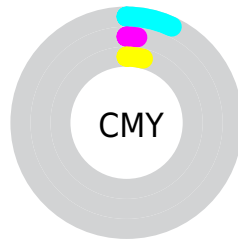


Cyan (6%)

Magenta (0%)

Yellow (2%)

Black (2%)



Cyan (7%)

Magenta (2%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 250, 246 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 236, 250, 246 by changing the saturation by 10% instead.

 236, 250, 246

 236, 250, 246

255, 255, 255

 208, 221, 218

 180, 194, 190

 153, 166, 163

 127, 140, 136

 102, 115, 111

 78, 90, 87

 55, 67, 64

 34, 44, 42

 13, 24, 21

 236, 250, 246

 236, 250, 246

 211, 250, 239


 255, 250, 253

 186, 250, 232

 255, 250, 255

 161, 250, 225

 136, 250, 217

 111, 250, 210

 86, 250, 203

 61, 250, 196

 36, 250, 189

 11, 250, 182

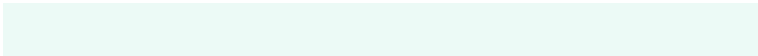
Harmonies

Analogous

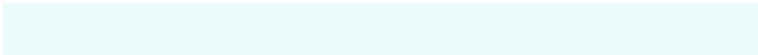
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 249, 241



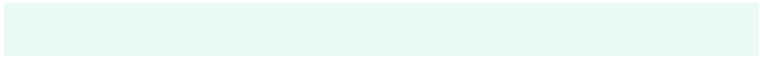
236, 250, 246



235, 250, 251

Triad

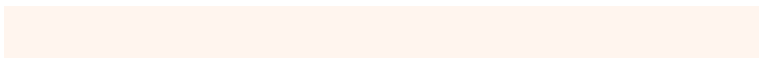
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236, 250, 246



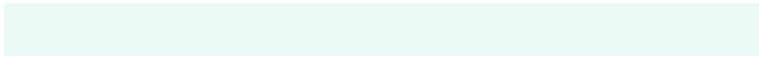
247, 246, 255



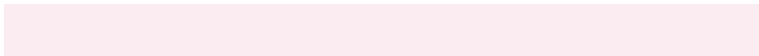
255, 245, 238

Complementary

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



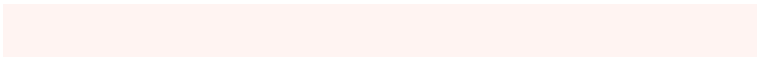
236, 250, 246



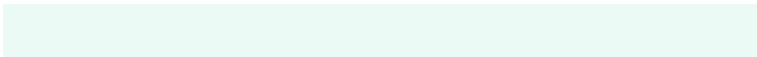
250, 236, 240

Split Complementary

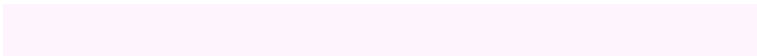
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 244, 242



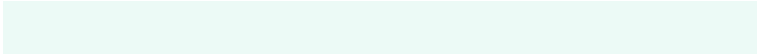
236, 250, 246



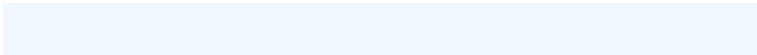
253, 244, 253

Square

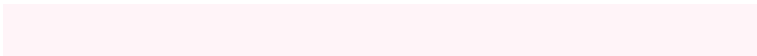
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236, 250, 246



241, 247, 255



255, 244, 248



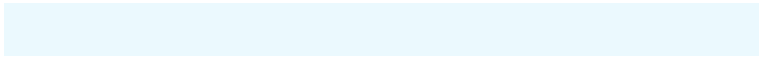
252, 246, 237

Rectangle

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



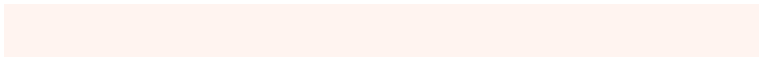
236, 250, 246



235, 249, 254



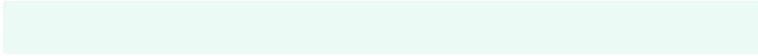
255, 244, 248



255, 244, 240

Sweetspot

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



236, 250, 246



250, 255, 254



240, 250, 236



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

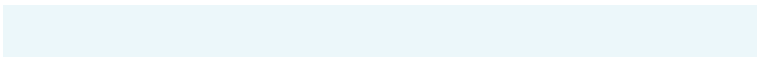
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236, 250, 246



237, 255, 250



236, 247, 250



115, 125, 122



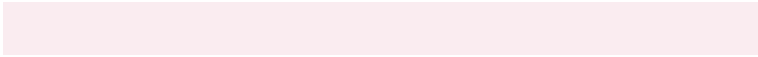
0, 189, 135



0, 61, 44

Inverse Universe

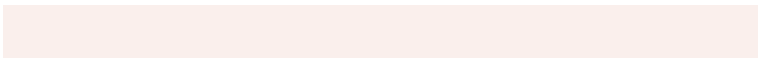
The Inverse Universe completely reimagines the original color for something new.



250, 236, 240



255, 237, 242



250, 239, 236



125, 115, 118



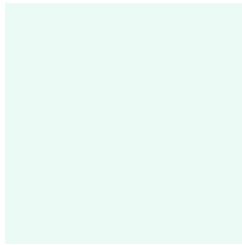
189, 0, 54



61, 0, 17

Previews

White Background



This preview shows how the RGB color 236, 250, 246 looks on a white background.

Color Contrast Check

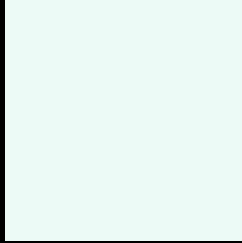
Large Text (above 18pt) WCAG AA × Fail

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 236, 250, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

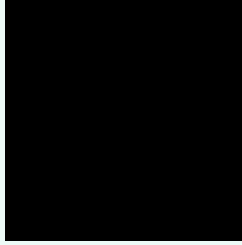
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

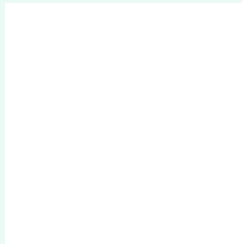
Any Text WCAG AAA ✓ Pass

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

RGB 236, 250, 246 Background



This preview shows how black text looks on a background with the RGB color 236, 250, 246.

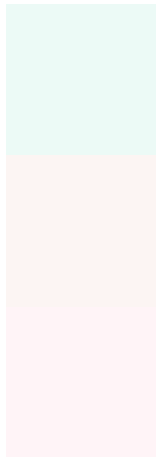


This preview shows how white text looks on a background with the RGB color 236, 250, 246.

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
236, 250, 246

Protanopia
252, 245, 243

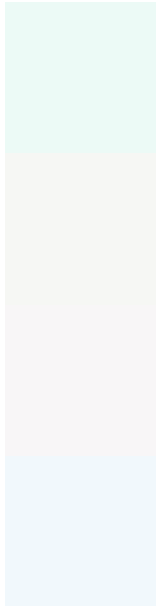
Deuteranopia
255, 244, 247



Tritanopia

244, 247, 255

Trichromacy



Original Color

236, 250, 246

Protanomaly

246, 247, 244

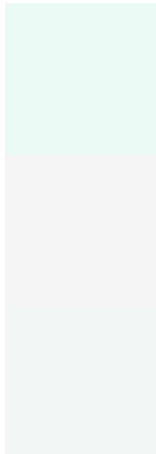
Deuteranomaly

248, 246, 247

Tritanomaly

241, 248, 252

Monochromacy



Original Color

236, 250, 246

Achromatopsia

245, 245, 245

Achromatomaly

242, 247, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 250, 246 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(236, 250, 246)` looks like.

```
.text, #text, p{  
    color:rgb(236, 250, 246)  
}
```

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(236, 250, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 250, 246) }
```

Border

The CSS property to change the border of an element to RGB 236, 250, 246 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(236, 250, 246) }
```

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

```
.border{ border-color:rgb(236, 250, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 250, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 250, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 250, 246);  
box-shadow:4px 4px 4px 4px rgb(236, 250,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 236, 250, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 250, 246) }
```

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

```
.background{ background-color: rgb(236,  
250, 246) }
```

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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