

Converting Colors

RGB(233, 246, 254)

Have a look what the booklet for
RGB(233, 246, 254) contains.

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Color

RGB(233, 246, 254)

Conversions

Conversions Part 1

Format	Color
Hex	E9F6FE
RGB	233, 246, 254
RGB Percent	91%, 96%, 100%
CMY	0.0863, 0.0353, 0.0039
CMYK	0.08, 0.03, 0.00, 0.00
HSL	203°, 91%, 95%
HSV	203°, 8%, 100%
XYZ	84.4494, 90.3909, 106.7622
YIQ	243.0250, -10.3160, -0.2680

Conversions

Conversions Part 2

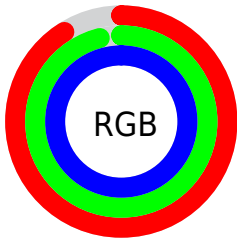
Format	Color
R_{YB}	233, 241, 254
Decimal	15333118
CIE _{Lab}	96.16, -2.76, -5.32
CIE _{LCh}	96, 5.991, 242.540
Yxy	90.3909, 0.2999, 0.3210
Android (android.graphics.Color)	4293523198 (0xFFE9F6FE)
YUV	243.0250, 5.4107, -8.7919
Hunter-Lab	95.0741, -7.8275, -0.0270

Details

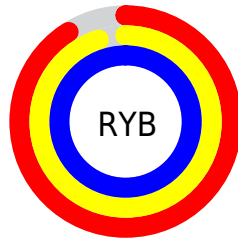
The RGB color **233, 246, 254** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **254, 241, 233**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 255**, and **177, 190, 197** is the 20% darker color. If you saturate the color by 10%, you get **208, 236, 254**, and if you desaturate by 10%, it is **255, 255, 254**.

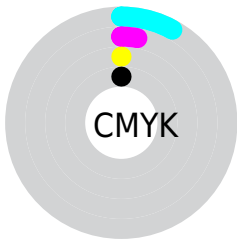
Distribution



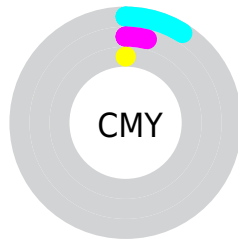
- Red (91%)
- Green (96%)
- Blue (100%)



- Red (91%)
- Yellow (95%)
- Blue (100%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 246, 254 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 233, 246, 254 by changing the saturation by 10% instead.

 233, 246, 254

255, 255, 255

 233, 246, 254

 205, 218, 225

 177, 190, 197


 151, 163, 170

 125, 136, 144

 100, 111, 118

 76, 87, 93

 53, 64, 70

 31, 42, 48

 9, 21, 27

233, 246, 254

233, 246, 254

208, 236, 254

255, 255, 254

182, 227, 254

157, 217, 254

131, 207, 254

106, 198, 254

81, 188, 254

55, 178, 254

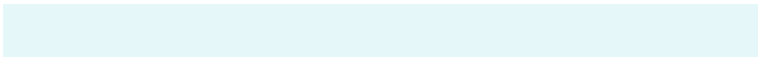
30, 169, 254

4, 159, 254

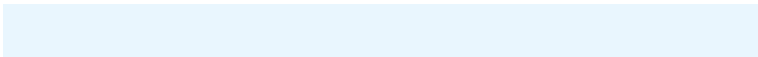
Harmonies

Analogous

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



230, 247, 250



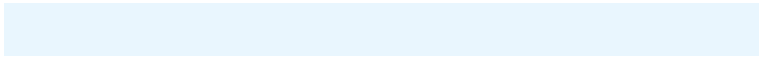
233, 246, 254



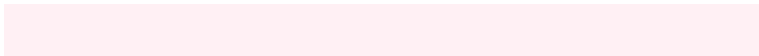
239, 244, 255

Triad

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



233, 246, 254



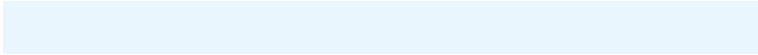
255, 240, 244



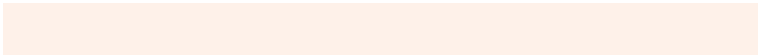
242, 246, 234

Complementary

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



233, 246, 254



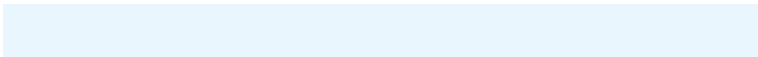
254, 241, 233

Split Complementary

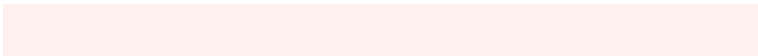
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 244, 232



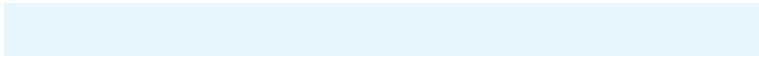
233, 246, 254



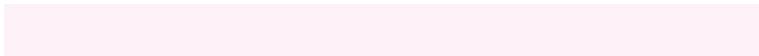
255, 241, 238

Square

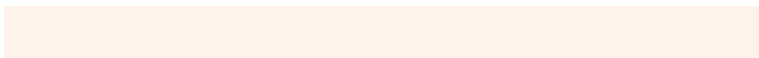
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



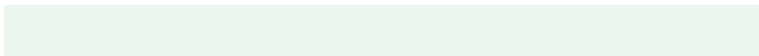
233, 246, 254



252, 241, 249



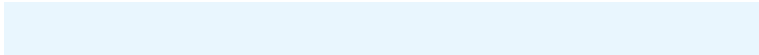
254, 242, 234



235, 247, 238

Rectangle

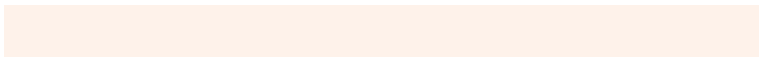
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233, 246, 254



243, 243, 255



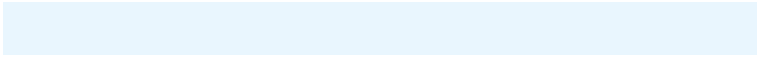
254, 242, 234



244, 245, 233

Sweetspot

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



233, 246, 254



250, 253, 255



233, 254, 241



125, 127, 128



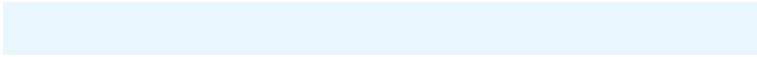
0, 0, 0



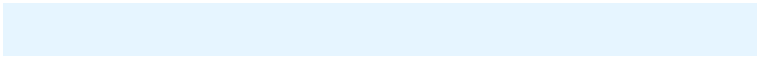
128, 128, 128

Same Dimension

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



233, 246, 254



230, 245, 255



233, 236, 254



115, 123, 128



0, 118, 191



0, 39, 64

Inverse Universe

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



254, 233, 246



255, 230, 245



254, 251, 233



128, 115, 123



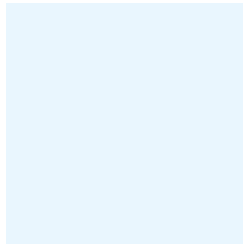
191, 0, 118



64, 0, 39

Previews

White Background



This preview shows how the RGB color 233, 246, 254 looks on a white background.

Color Contrast Check

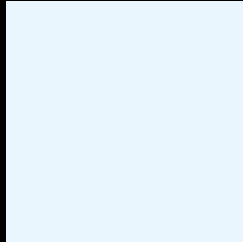
Large Text (above 18pt) WCAG AA × Fail

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 233, 246, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

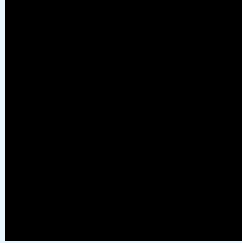
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

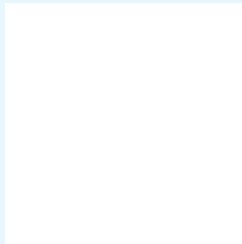
Any Text WCAG AAA ✓ Pass

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

RGB 233, 246, 254 Background



This preview shows how black text looks on a background with the RGB color 233, 246, 254.

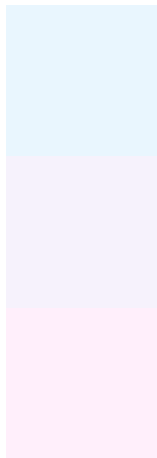


This preview shows how white text looks on a background with the RGB color 233, 246, 254.

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
233, 246, 254

Protanopia
246, 242, 252

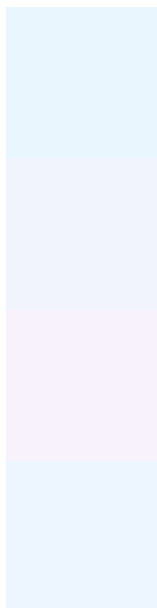
Deuteranopia
255, 239, 251



Tritanopia

239, 244, 255

Trichromacy



Original Color

233, 246, 254

Protanomaly

241, 243, 253

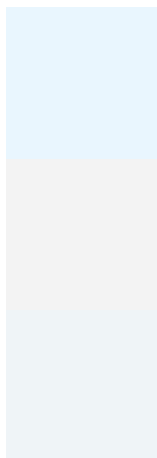
Deuteranomaly

247, 242, 252

Tritanomaly

237, 245, 255

Monochromacy



Original Color

233, 246, 254

Achromatopsia

243, 243, 243

Achromatomaly

239, 244, 247

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 246, 254 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(233, 246, 254)` looks like.

```
.text, #text, p{  
    color:rgb(233, 246, 254)  
}
```

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(233, 246, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 246, 254) }
```

Border

The CSS property to change the border of an element to RGB 233, 246, 254 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(233, 246, 254) }
```

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

```
.border{ border-color:rgb(233, 246, 254) }
```

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

Here you see how a box with a 4 pixel rgb(233, 246, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 246, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 246, 254);  
box-shadow:4px 4px 4px 4px rgb(233, 246,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 233, 246, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 246, 254) }
```

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

```
.background{ background-color: rgb(233,  
246, 254) }
```

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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