

Converting Colors

RGB(231, 246, 250)

Have a look what the booklet for
RGB(231, 246, 250) contains.

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Color

RGB(231, 246, 250)

Conversions

Conversions Part 1

Format	Color
Hex	E7F6FA
RGB	231, 246, 250
RGB Percent	91%, 96%, 98%
CMY	0.0941, 0.0353, 0.0196
CMYK	0.08, 0.02, 0.00, 0.02
HSL	193°, 66%, 94%
HSV	193°, 8%, 98%
XYZ	83.1661, 89.8026, 103.3928
YIQ	241.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

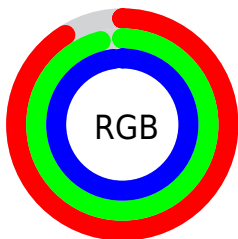
Format	Color
R _Y B	231, 239, 250
Decimal	15202042
CIE Lab	95.91, -4.16, -3.62
CIE LCh	96, 5.516, 221.067
Yxy	89.8026, 0.3009, 0.3249
Android (android.graphics.Color)	4293392122 (0xFFE7F6FA)
YUV	241.9710, 3.9583, -9.6216
Hunter-Lab	94.7642, -9.1839, 1.6464

Details

The RGB color **231, 246, 250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **250, 235, 231**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 190, 194** is the 20% darker color. If you saturate the color by 10%, you get **206, 241, 250**, and if you desaturate by 10%, it is **255, 251, 250**.

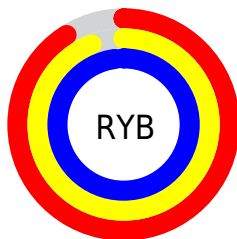
Distribution



Red (91%)

Green (96%)

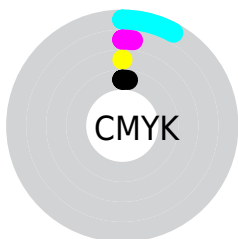
Blue (98%)



Red (91%)

Yellow (94%)

Blue (98%)

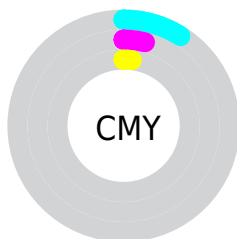


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (4%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 246, 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 RGB color 231, 246, 250 by changing the saturation by 10% instead.

■ 231, 246, 250

255, 255, 255

■ 231, 246, 250

■ 203, 218, 221

■ 175, 190, 194

■ 149, 163, 166

■ 123, 136, 140

■ 98, 111, 115

■ 74, 87, 90

■ 51, 63, 67

■ 30, 42, 45

■ 7, 21, 24

 231, 246, 250

 231, 246, 250

 206, 241, 250

 255, 251, 250


 181, 235, 250

 255, 255, 250

 156, 230, 250

 131, 225, 250

 106, 220, 250

 81, 214, 250

 56, 209, 250

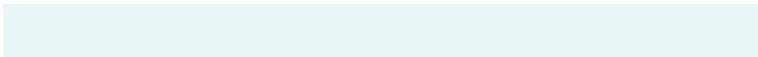
 31, 204, 250

 6, 199, 250

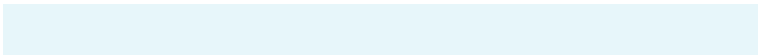
Harmonies

Analogous

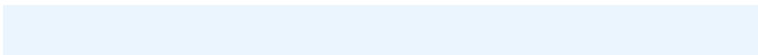
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231, 247, 245



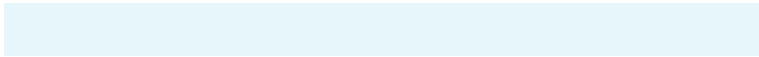
231, 246, 250



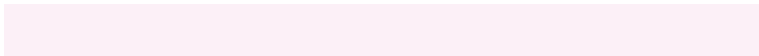
234, 245, 253

Triad

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



231, 246, 250



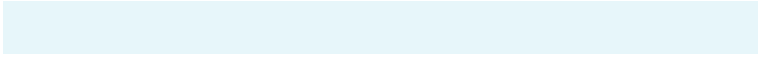
252, 240, 247



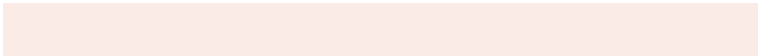
246, 243, 233

Complementary

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



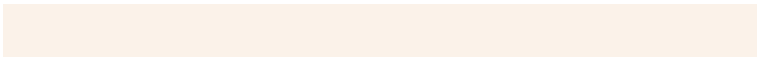
231, 246, 250



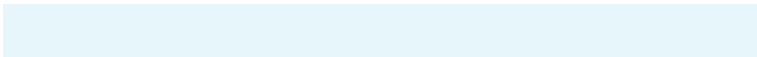
250, 235, 231

Split Complementary

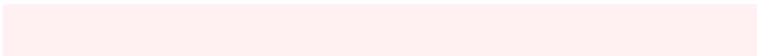
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 242, 233



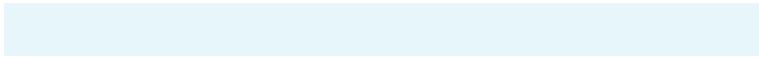
231, 246, 250



255, 240, 241

Square

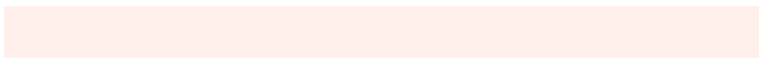
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231, 246, 250



247, 241, 251



255, 240, 236



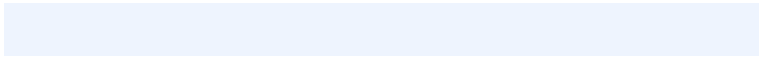
239, 245, 235

Rectangle

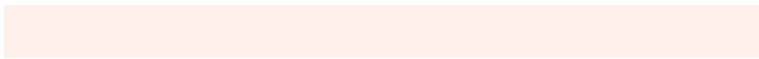
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231, 246, 250



238, 244, 254



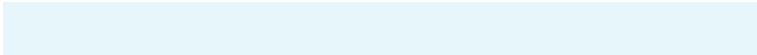
255, 240, 236



248, 243, 233

Sweetspot

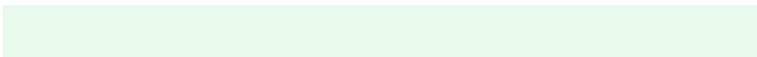
The Sweet Spot groups the original color and five complimentary colors.



231, 246, 250



250, 254, 255



231, 250, 235



125, 127, 128



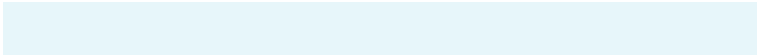
0, 0, 0



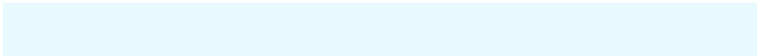
128, 128, 128

Same Dimension

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



231, 246, 250



232, 250, 255



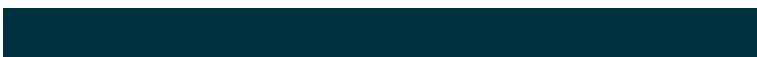
231, 237, 250



112, 122, 125



0, 149, 189



0, 48, 61

Inverse Universe

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



250, 231, 246



255, 232, 250



250, 244, 231



125, 112, 122



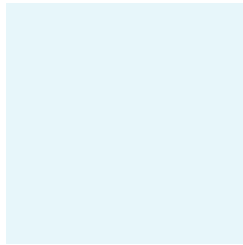
189, 0, 149



61, 0, 48

Previews

White Background



This preview shows how the RGB color 231, 246, 250 looks on a white background.

Color Contrast Check

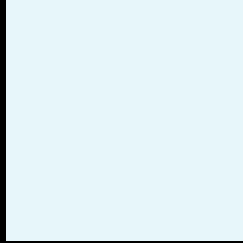
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 231, 246, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

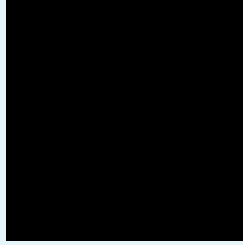
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

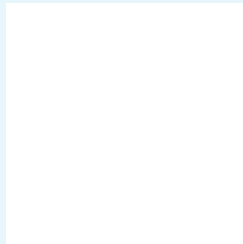
Any Text WCAG AAA ✓ Pass

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

RGB 231, 246, 250 Background



This preview shows how black text looks on a background with the RGB color 231, 246, 250.

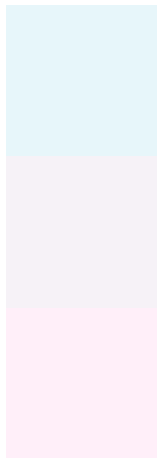


This preview shows how white text looks on a background with the RGB color 231, 246, 250.

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
231, 246, 250

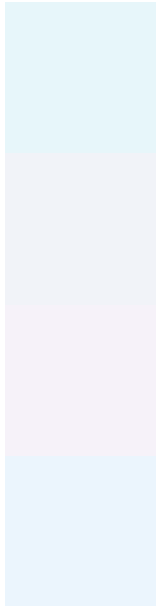
Protanopia
246, 242, 247

Deuteranopia
255, 239, 249



Tritanopia
237, 244, 255

Trichromacy



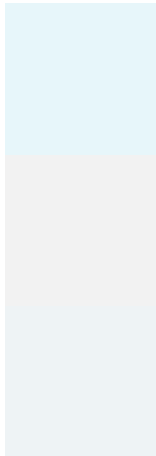
Original Color
231, 246, 250

Protanomaly
241, 243, 248

Deuteranomaly
246, 242, 249

Tritanomaly
235, 245, 253

Monochromacy



Original Color
231, 246, 250

Achromatopsia
242, 242, 242

Achromatomaly
238, 243, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 246, 250 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(231, 246, 250)` looks like.

```
.text, #text, p{  
    color:rgb(231, 246, 250)  
}
```

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(231, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 246, 250) }
```

Border

The CSS property to change the border of an element to RGB 231, 246, 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(231, 246, 250) }
```

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

```
.border{ border-color:rgb(231, 246, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 246, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(231, 246,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 231, 246, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 246, 250) }
```

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

```
.background{ background-color: rgb(231,  
246, 250) }
```

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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