

Converting Colors

RGB(231, 245, 246)

Have a look what the booklet for
RGB(231, 245, 246) contains.

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Color

RGB(231, 245, 246)

Conversions

Conversions Part 1

Format	Color
Hex	E7F5F6
RGB	231, 245, 246
RGB Percent	91%, 96%, 96%
CMY	0.0941, 0.0392, 0.0353
CMYK	0.06, 0.00, 0.00, 0.04
HSL	184°, 45%, 94%
HSV	184°, 6%, 96%
XYZ	82.2420, 88.9476, 100.0228
YIQ	240.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

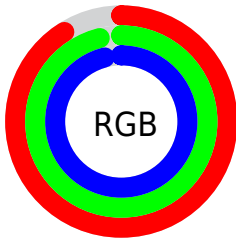
Format	Color
R _Y B	231, 238, 246
Decimal	15201782
CIE Lab	95.56, -4.40, -2.08
CIE LCh	96, 4.867, 205.283
Yxy	88.9476, 0.3032, 0.3280
Android (android.graphics.Color)	4293391862 (0xFFE7F5F6)
YUV	240.9280, 2.5005, -8.7069
Hunter-Lab	94.3120, -9.3905, 3.1383

Details

The RGB color **231, 245, 246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **246, 232, 231**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 189, 190** is the 20% darker color. If you saturate the color by 10%, you get **206, 243, 246**, and if you desaturate by 10%, it is 255, 247, 246.

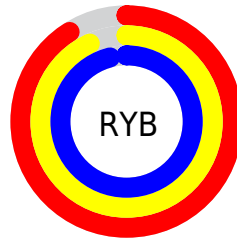
Distribution



Red (91%)

Green (96%)

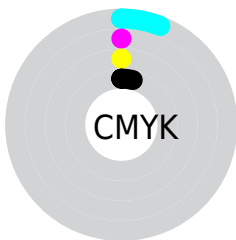
Blue (96%)



Red (91%)

Yellow (93%)

Blue (96%)

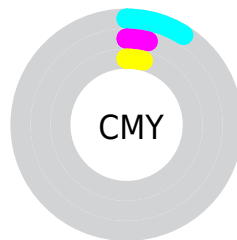


Cyan (6%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (9%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 245, 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 231, 245, 246 by changing the saturation by 10% instead.

■ 231, 245, 246

255, 255, 255

■ 231, 245, 246

■ 203, 217, 218

■ 175, 189, 190

■ 149, 162, 163

■ 123, 136, 136

■ 98, 110, 111

■ 74, 86, 87

■ 51, 63, 64

■ 30, 41, 42

■ 6, 21, 21

 231, 245, 246

 231, 245, 246

 206, 243, 246

 255, 247, 246

 182, 242, 246

 255, 248, 246

 157, 240, 246

 255, 250, 246

 133, 238, 246

 255, 252, 246

 108, 237, 246

 255, 253, 246

 83, 235, 246

 255, 255, 246

 59, 234, 246

 255, 255, 246

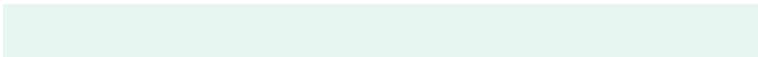
 34, 232, 246

 10, 230, 246

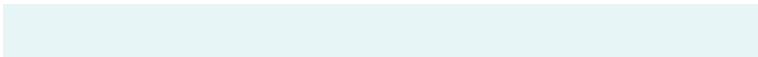
Harmonies

Analogous

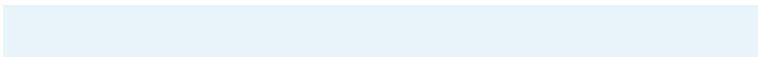
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232, 245, 241



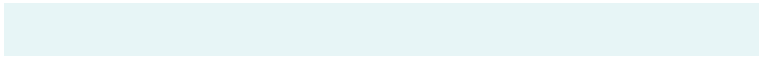
231, 245, 246



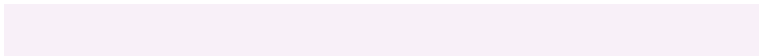
233, 244, 250

Triad

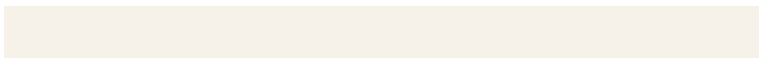
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231, 245, 246



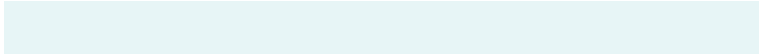
248, 240, 248



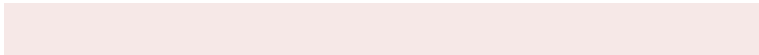
247, 242, 233

Complementary

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



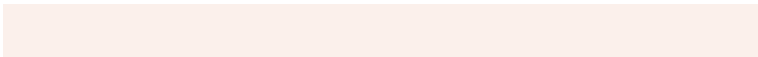
231, 245, 246



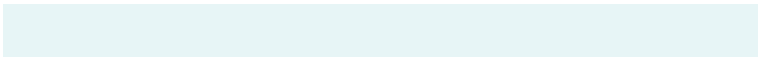
246, 232, 231

Split Complementary

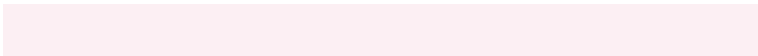
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 240, 235



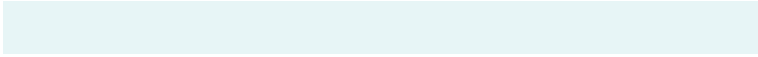
231, 245, 246



252, 239, 243

Square

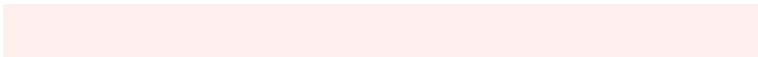
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231, 245, 246



242, 241, 251



253, 239, 238



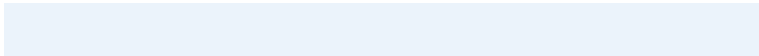
242, 243, 234

Rectangle

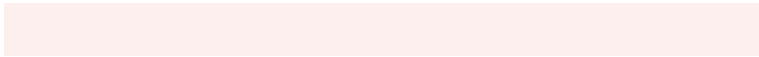
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



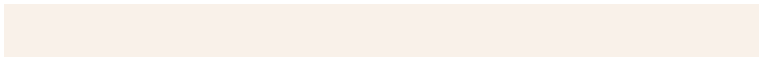
231, 245, 246



235, 243, 251



253, 239, 238



249, 241, 233

Sweetspot

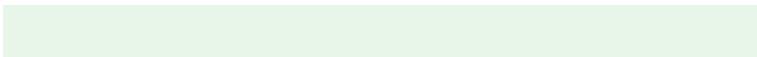
The Sweet Spot groups the original color and five complimentary colors.



231, 245, 246



250, 255, 255



231, 246, 232



125, 127, 128



0, 0, 0



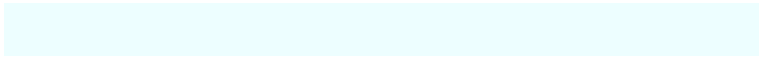
128, 128, 128

Same Dimension

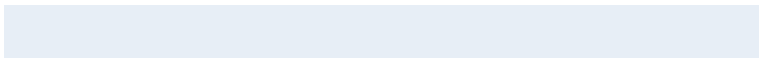
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231, 245, 246



237, 254, 255



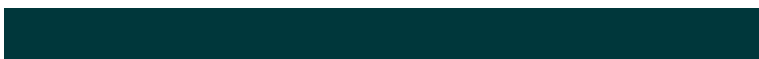
231, 238, 246



113, 122, 122



0, 174, 186



0, 55, 59

Inverse Universe

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



246, 231, 245



255, 237, 254



246, 240, 231



122, 113, 122



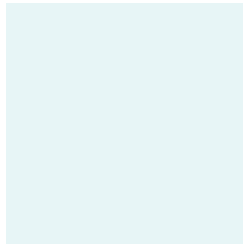
186, 0, 174



59, 0, 55

Previews

White Background



This preview shows how the RGB color 231, 245, 246 looks on a white background.

Color Contrast Check

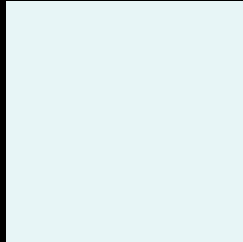
Large Text (above 18pt) WCAG AA × Fail

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 231, 245, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

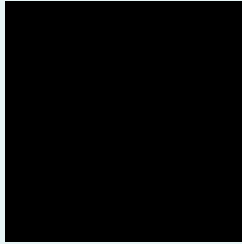
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

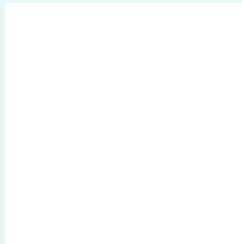
Any Text WCAG AAA ✓ Pass

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

RGB 231, 245, 246 Background



This preview shows how black text looks on a background with the RGB color 231, 245, 246.

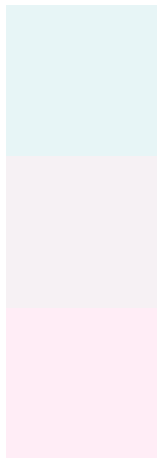


This preview shows how white text looks on a background with the RGB color 231, 245, 246.

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
231, 245, 246

Protanopia
246, 241, 244

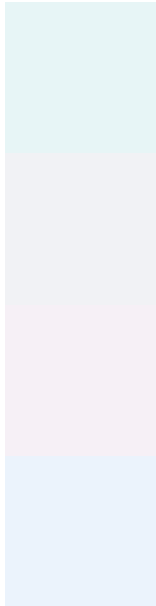
Deuteranopia
255, 237, 246



Tritanopia

237, 242, 255

Trichromacy



Original Color

231, 245, 246

Protanomaly

241, 242, 245

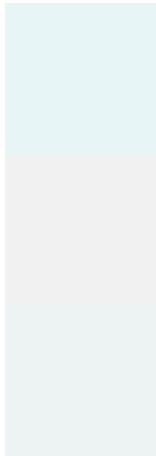
Deuteranomaly

246, 240, 246

Tritanomaly

235, 243, 252

Monochromacy



Original Color

231, 245, 246

Achromatopsia

241, 241, 241

Achromatomaly

237, 242, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 245, 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(231, 245, 246)` looks like.

```
.text, #text, p{  
    color:rgb(231, 245, 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(231, 245, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 245, 246) }
```

Border

The CSS property to change the border of an element to RGB 231, 245, 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(231, 245, 246) }
```

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

```
.border{ border-color:rgb(231, 245, 246) }
```

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

Here you see how a box with a 4 pixel rgb(231, 245, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 245, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 245, 246);  
box-shadow:4px 4px 4px 4px rgb(231, 245,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 231, 245, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 245, 246) }
```

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

```
.background{ background-color: rgb(231,  
245, 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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