

Converting Colors

RGB(229, 245, 246)

Have a look what the booklet for
RGB(229, 245, 246) contains.

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Color

RGB(229, 245, 246)

Conversions

Conversions Part 1

Format	Color
Hex	E5F5F6
RGB	229, 245, 246
RGB Percent	90%, 96%, 96%
CMY	0.1020, 0.0392, 0.0353
CMYK	0.07, 0.00, 0.00, 0.04
HSL	184°, 49%, 93%
HSV	184°, 7%, 96%
XYZ	81.6001, 88.6167, 99.9927
YIQ	240.3300, -9.8570, -3.0810

Conversions

Conversions Part 2

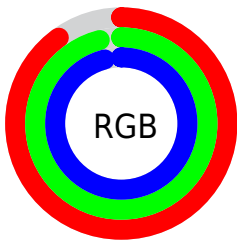
Format	Color
R _Y B	229, 237, 246
Decimal	15070710
CIE Lab	95.42, -5.05, -2.30
CIE LCh	95, 5.545, 204.482
Yxy	88.6167, 0.3020, 0.3280
Android (android.graphics.Color)	4293260790 (0xFFE5F5F6)
YUV	240.3300, 2.7953, -9.9364
Hunter-Lab	94.1364, -10.0100, 2.9170

Details

The RGB color **229, 245, 246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **246, 230, 229**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is 255, 255, 255, and **173, 189, 190** is the 20% darker color. If you saturate the color by 10%, you get **204, 244, 246**, and if you desaturate by 10%, it is **254, 246, 246**.

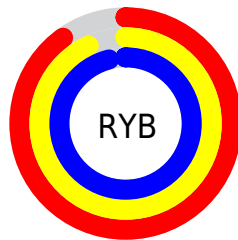
Distribution



Red (90%)

Green (96%)

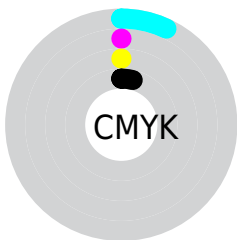
Blue (96%)



Red (90%)

Yellow (93%)

Blue (96%)

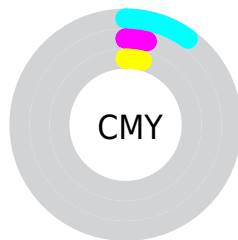


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 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 229, 245, 246 by changing the saturation by 10% instead.

229, 245, 246

255, 255, 255

229, 245, 246

201, 217, 218

173, 189, 190

147, 162, 163

121, 136, 136

96, 110, 111

72, 86, 87

50, 63, 64

28, 41, 42

4, 21, 21

 229, 245, 246

 229, 245, 246

 204, 244, 246


 254, 246, 246

 180, 242, 246

 255, 248, 246

 155, 241, 246

 255, 249, 246

 131, 239, 246

 255, 251, 246

 106, 238, 246

 255, 252, 246

 81, 236, 246

 255, 254, 246

 57, 235, 246

 255, 255, 246

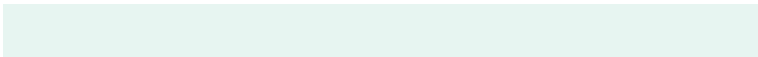
 32, 233, 246

 8, 232, 246

Harmonies

Analogous

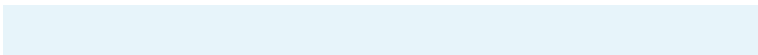
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231, 245, 241



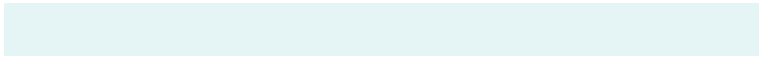
229, 245, 246



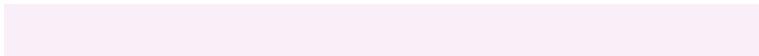
231, 244, 250

Triad

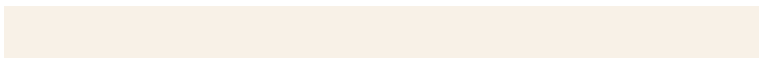
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229, 245, 246



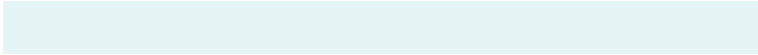
248, 239, 248



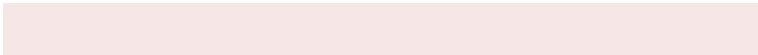
248, 241, 231

Complementary

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



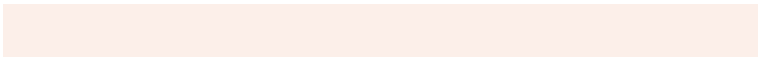
229, 245, 246



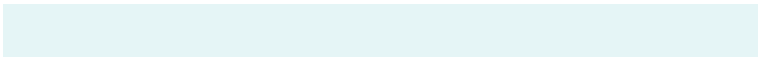
246, 230, 229

Split Complementary

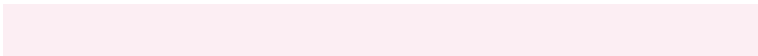
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



252, 239, 233



229, 245, 246



252, 238, 243

Square

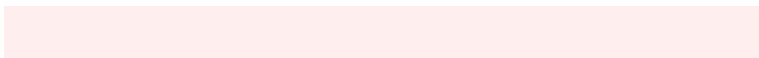
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229, 245, 246



242, 241, 252



254, 238, 238



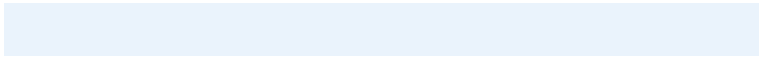
242, 243, 232

Rectangle

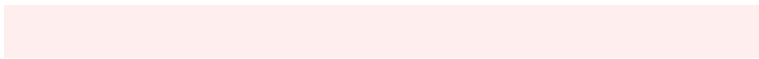
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



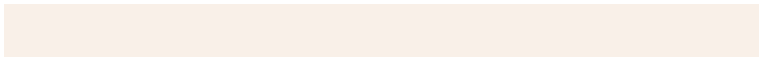
229, 245, 246



234, 243, 252



254, 238, 238



249, 240, 232

Sweetspot

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



229, 245, 246



250, 255, 255



229, 246, 230



125, 127, 128



0, 0, 0



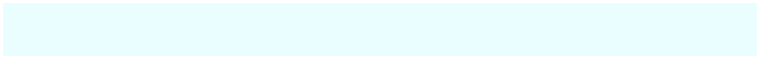
128, 128, 128

Same Dimension

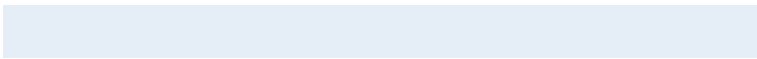
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229, 245, 246



235, 254, 255



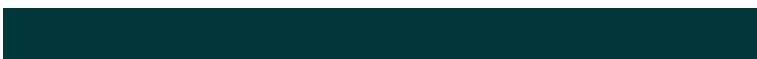
229, 237, 246



110, 122, 122



0, 175, 186



0, 55, 59

Inverse Universe

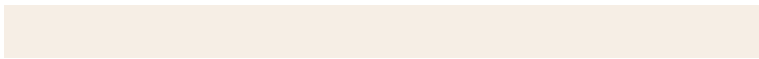
The Inverse Universe completely reimagines the original color for something new.



246, 229, 245



255, 235, 254



246, 238, 229



122, 110, 122



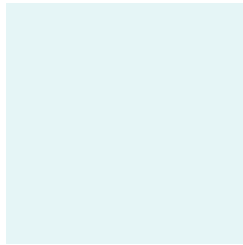
186, 0, 175



59, 0, 55

Previews

White Background



This preview shows how the RGB color 229, 245, 246 looks on a white background.

Color Contrast Check

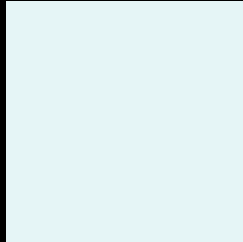
Large Text (above 18pt) WCAG AA × Fail

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 229, 245, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

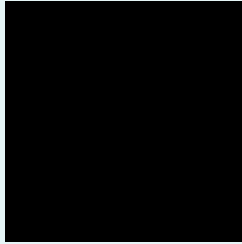
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

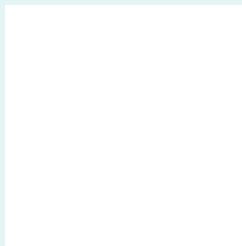
Any Text WCAG AAA ✓ Pass

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

RGB 229, 245, 246 Background



This preview shows how black text looks on a background with the RGB color 229, 245, 246.

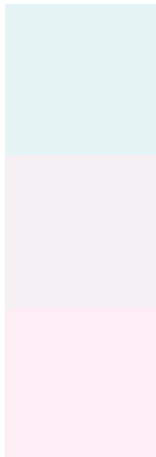


This preview shows how white text looks on a background with the RGB color 229, 245, 246.

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
229, 245, 246

Protanopia
245, 240, 243

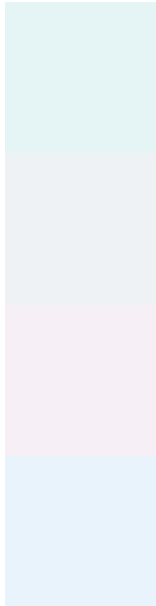
Deuteranopia
255, 237, 246



Tritanopia

235, 242, 255

Trichromacy



Original Color

229, 245, 246

Protanomaly

239, 242, 244

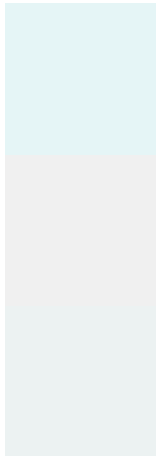
Deuteranomaly

246, 240, 246

Tritanomaly

233, 243, 252

Monochromacy



Original Color

229, 245, 246

Achromatopsia

240, 240, 240

Achromatomaly

236, 242, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 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(229, 245, 246)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 245, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 245, 246) }
```

Border

The CSS property to change the border of an element to RGB 229, 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(229, 245, 246) }
```

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

```
.border{ border-color:rgb(229, 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(229, 245, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 245, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 245, 246);  
box-shadow:4px 4px 4px 4px rgb(229, 245,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 229, 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(229, 245, 246) }
```

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

```
.background{ background-color: rgb(229,  
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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