

Converting Colors

RGB(229, 246, 241)

Have a look what the booklet for
RGB(229, 246, 241) contains.

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Color

RGB(229, 246, 241)

Conversions

Conversions Part 1

Format	Color
Hex	E5F6F1
RGB	229, 246, 241
RGB Percent	90%, 96%, 95%
CMY	0.1020, 0.0353, 0.0549
CMYK	0.07, 0.00, 0.02, 0.04
HSL	162°, 49%, 93%
HSV	162°, 7%, 96%
XYZ	81.1460, 88.9204, 96.1056
YIQ	240.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

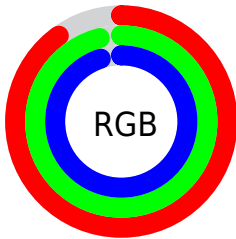
Format	Color
R_{YB}	229, 239, 246
Decimal	15070961
CIE Lab	95.55, -6.48, 0.47
CIE LCh	96, 6.495, 175.818
Yxy	88.9204, 0.3049, 0.3341
Android (android.graphics.Color)	4293261041 (0xFFE5F6F1)
YUV	240.3470, 0.3219, -9.9513
Hunter-Lab	94.2976, -11.4160, 5.5816

Details

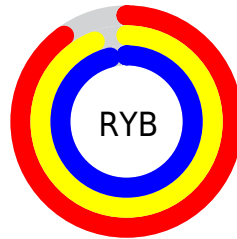
The RGB color **229, 246, 241** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **246, 229, 234**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is 255, 255, 255, and **174, 190, 185** is the 20% darker color. If you saturate the color by 10%, you get **204, 246, 234**, and if you desaturate by 10%, it is 254, 246, 248.

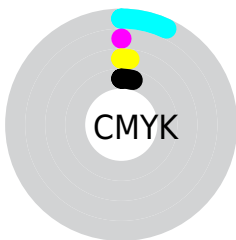
Distribution



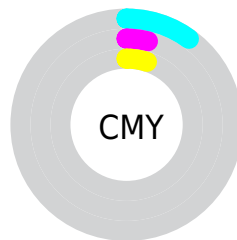
- Red (90%)
- Green (96%)
- Blue (95%)



- Red (90%)
- Yellow (94%)
- Blue (96%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (10%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 246, 241 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, 246, 241 by changing the saturation by 10% instead.

229, 246, 241

255, 255, 255

229, 246, 241

201, 218, 213

174, 190, 185

147, 163, 158

121, 136, 132

96, 111, 107

72, 87, 83

50, 63, 60

29, 41, 38

4, 21, 17

 229, 246, 241

 229, 246, 241


 204, 246, 234

 254, 246, 248

 180, 246, 227

 255, 246, 255

 155, 246, 219

 131, 246, 212

 106, 246, 205

 81, 246, 198

 57, 246, 190

 32, 246, 183

 8, 246, 176

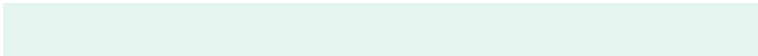
Harmonies

Analogous

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



234, 245, 235



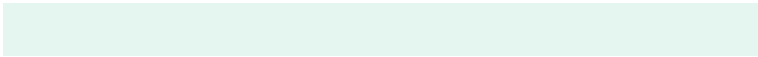
229, 246, 241



227, 246, 247

Triad

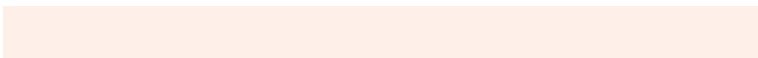
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229, 246, 241



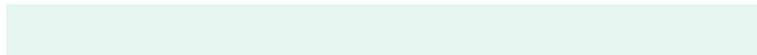
243, 241, 253



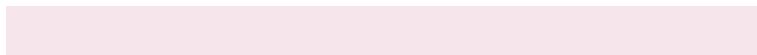
254, 239, 232

Complementary

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



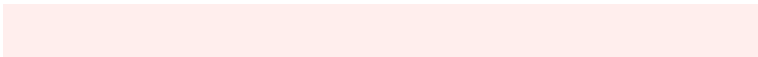
229, 246, 241



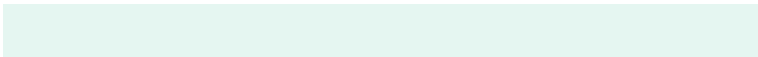
246, 229, 234

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, 238, 237



229, 246, 241



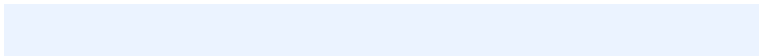
250, 239, 249

Square

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



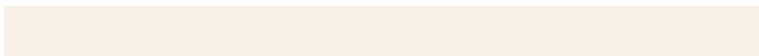
229, 246, 241



235, 243, 255



255, 238, 243



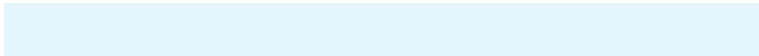
249, 241, 230

Rectangle

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



229, 246, 241



228, 245, 251



255, 238, 243



255, 239, 233

Sweetspot

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



229, 246, 241



250, 255, 254



234, 246, 229



125, 128, 127



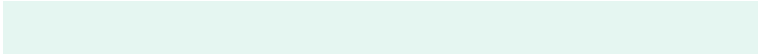
0, 0, 0



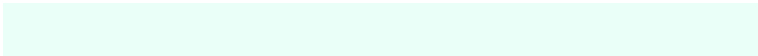
128, 128, 128

Same Dimension

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



229, 246, 241



235, 255, 249



229, 243, 246



110, 122, 119



0, 186, 131



0, 59, 41

Inverse Universe

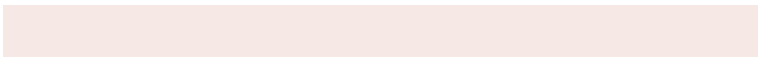
The Inverse Universe completely reimagines the original color for something new.



246, 229, 234



255, 235, 241



246, 232, 229



122, 110, 114



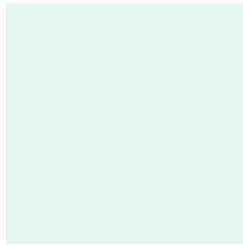
186, 0, 55



59, 0, 17

Previews

White Background



This preview shows how the RGB color 229, 246, 241 looks on a white background.

Color Contrast Check

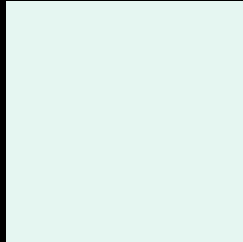
Large Text (above 18pt) WCAG AA × Fail

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, 246, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

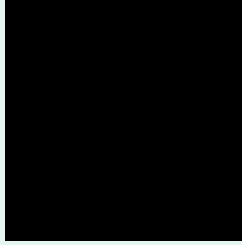
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

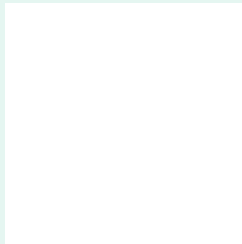
Any Text WCAG AAA ✓ Pass

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

RGB 229, 246, 241 Background



This preview shows how black text looks on a background with the RGB color 229, 246, 241.

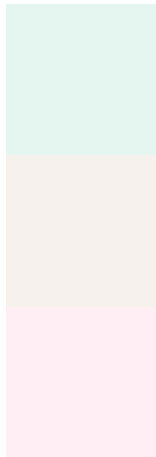


This preview shows how white text looks on a background with the RGB color 229, 246, 241.

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, 246, 241

Protanopia
247, 241, 238

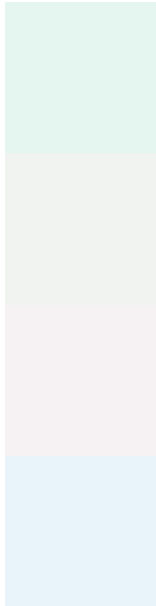
Deuteranopia
255, 238, 243



Tritanopia

236, 242, 255

Trichromacy



Original Color

229, 246, 241

Protanomaly

240, 243, 239

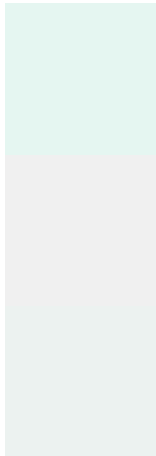
Deuteranomaly

246, 241, 242

Tritanomaly

233, 243, 250

Monochromacy



Original Color

229, 246, 241

Achromatopsia

240, 240, 240

Achromatomaly

236, 242, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 246, 241 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, 246, 241)` looks like.

```
.text, #text, p{  
    color:rgb(229, 246, 241)  
}
```

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, 246, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 246, 241) }
```

Border

The CSS property to change the border of an element to RGB 229, 246, 241 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, 246, 241) }
```

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

```
.border{ border-color:rgb(229, 246, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 246, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 246, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 246, 241);  
box-shadow:4px 4px 4px 4px rgb(229, 246,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 229, 246, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 246, 241) }
```

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

```
.background{ background-color: rgb(229,  
246, 241) }
```

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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