

Converting Colors

RGB(228, 247, 230)

Have a look what the booklet for
RGB(228, 247, 230) contains.

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Color

RGB(228, 247, 230)

Conversions

Conversions Part 1

Format	Color
Hex	E4F7E6
RGB	228, 247, 230
RGB Percent	89%, 97%, 90%
CMY	0.1059, 0.0314, 0.0980
CMYK	0.08, 0.00, 0.07, 0.03
HSL	126°, 54%, 93%
HSV	126°, 8%, 97%
XYZ	79.5386, 88.7287, 87.7971
YIQ	239.3810, -5.8670, -9.3150

Conversions

Conversions Part 2

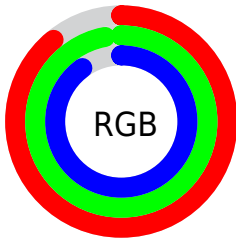
Format	Color
R_{YB}	228, 245, 247
Decimal	15005670
CIE Lab	95.47, -9.28, 6.03
CIE LCh	95, 11.072, 146.993
Yxy	88.7287, 0.3106, 0.3465
Android (android.graphics.Color)	4293195750 (0xFFE4F7E6)
YUV	239.3810, -4.6248, -9.9811
Hunter-Lab	94.1959, -14.1182, 10.6747

Details

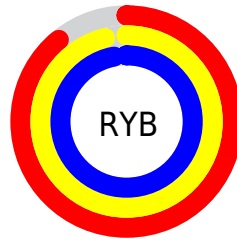
The RGB color **228, 247, 230** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **247, 228, 245**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **173, 191, 175** is the 20% darker color. If you saturate the color by 10%, you get **203, 247, 208**, and if you desaturate by 10%, it is 253, 247, 252.

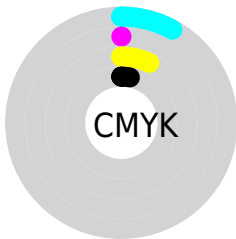
Distribution



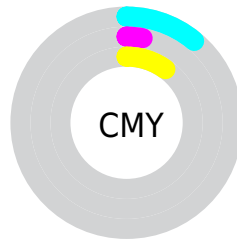
- Red (89%)
- Green (97%)
- Blue (90%)



- Red (89%)
- Yellow (96%)
- Blue (97%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (3%)



- Cyan (11%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 247, 230 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 228, 247, 230 by changing the saturation by 10% instead.

 228, 247, 230

255, 255, 255

 228, 247, 230

 200, 218, 202

 173, 191, 175

 146, 164, 148

 120, 137, 122

 95, 112, 97

 72, 87, 74

 49, 64, 51

 28, 42, 30

 3, 22, 5

228, 247, 230

228, 247, 230

203, 247, 208

253, 247, 252

179, 247, 186

255, 247, 255

154, 247, 164

129, 247, 142

105, 247, 119

80, 247, 97

55, 247, 75

30, 247, 53

6, 247, 31

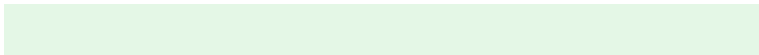
Harmonies

Analogous

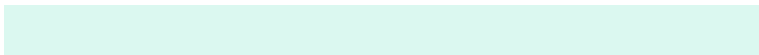
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 244, 223



228, 247, 230



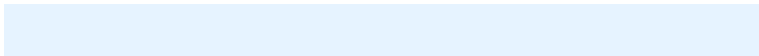
219, 248, 240

Triad

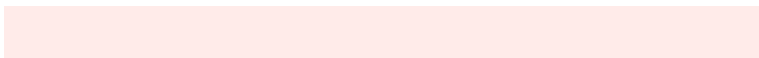
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228, 247, 230



230, 243, 255



255, 235, 233

Complementary

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



228, 247, 230



247, 228, 245

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, 235, 243



228, 247, 230



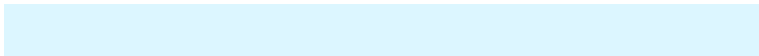
243, 240, 255

Square

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



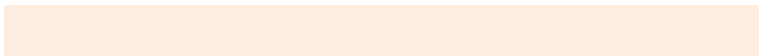
228, 247, 230



220, 246, 255



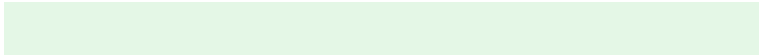
255, 237, 254



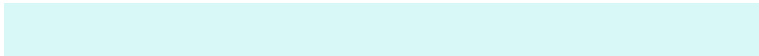
255, 237, 224

Rectangle

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



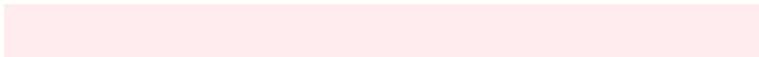
228, 247, 230



216, 248, 248



255, 237, 254



255, 235, 236

Sweetspot

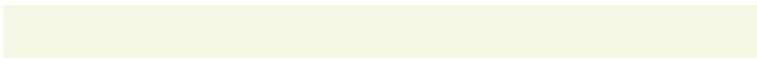
The Sweet Spot groups the original color and five complimentary colors.



228, 247, 230



250, 255, 250



245, 247, 228



125, 128, 125



0, 0, 0



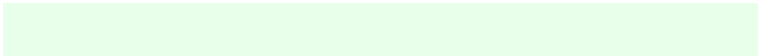
128, 128, 128

Same Dimension

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



228, 247, 230



232, 255, 234



228, 247, 239



110, 122, 111



0, 186, 20



0, 59, 6

Inverse Universe

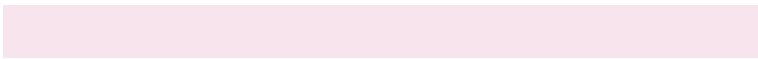
The Inverse Universe completely reimagines the original color for something new.



247, 228, 245



255, 232, 253



247, 228, 236



122, 110, 121



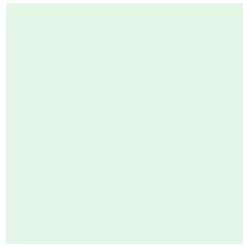
186, 0, 167



59, 0, 52

Previews

White Background



This preview shows how the RGB color 228, 247, 230 looks on a white background.

Color Contrast Check

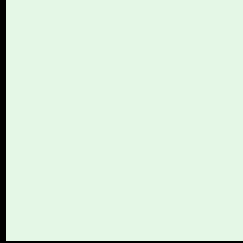
Large Text (above 18pt) WCAG AA × Fail

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 228, 247, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

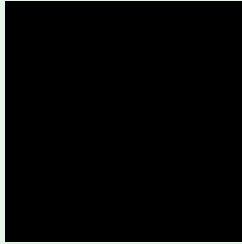
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

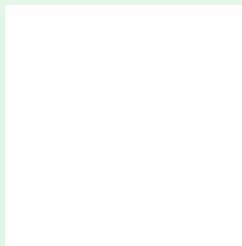
Any Text WCAG AAA ✓ Pass

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

RGB 228, 247, 230 Background



This preview shows how black text looks on a background with the RGB color 228, 247, 230.

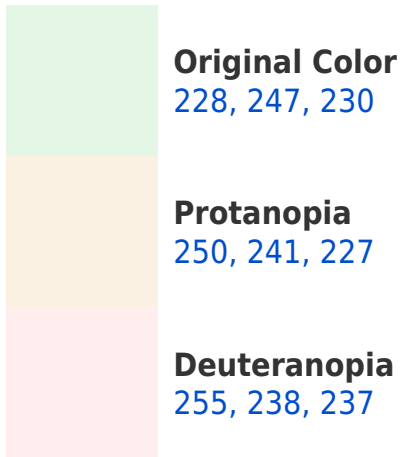


This preview shows how white text looks on a background with the RGB color 228, 247, 230.

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

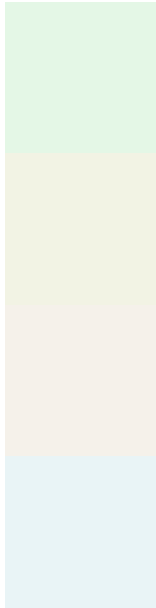




Tritanopia

236, 242, 255

Trichromacy



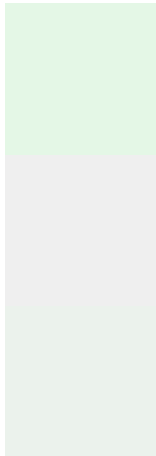
Original Color
228, 247, 230

Protanomaly
242, 243, 228

Deuteranomaly
245, 241, 234

Tritanomaly
233, 244, 246

Monochromacy



Original Color
228, 247, 230

Achromatopsia
239, 239, 239

Achromatomaly
235, 242, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 247, 230 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(228, 247, 230)` looks like.

```
.text, #text, p{  
    color:rgb(228, 247, 230)  
}
```

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(228, 247, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 247, 230) }
```

Border

The CSS property to change the border of an element to RGB 228, 247, 230 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(228, 247, 230) }
```

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

```
.border{ border-color:rgb(228, 247, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 247, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 247, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 247, 230);  
box-shadow:4px 4px 4px 4px rgb(228, 247,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 228, 247, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 247, 230) }
```

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

```
.background{ background-color: rgb(228,  
247, 230) }
```

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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