

Converting Colors

RGB(229, 243, 230)

Have a look what the booklet for
RGB(229, 243, 230) contains.

RGB(229, 243, 230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(229, 243, 230)

Conversions

Conversions Part 1

Format	Color
Hex	E5F3E6
RGB	229, 243, 230
RGB Percent	90%, 95%, 90%
CMY	0.1020, 0.0471, 0.0980
CMYK	0.06, 0.00, 0.05, 0.05
HSL	124°, 37%, 93%
HSV	124°, 6%, 95%
XYZ	78.6466, 86.4724, 87.4086
YIQ	237.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

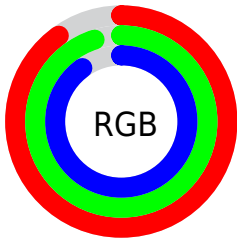
Format	Color
R _Y B	229, 242, 243
Decimal	15070182
CIE Lab	94.51, -6.95, 4.66
CIE LCh	95, 8.365, 146.121
Yxy	86.4724, 0.3114, 0.3424
Android (android.graphics.Color)	4293260262 (0xFFE5F3E6)
YUV	237.3320, -3.6147, -7.3072
Hunter-Lab	92.9905, -11.7673, 9.3623

Details

The RGB color **229, 243, 230** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **243, 229, 242**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 187, 175** is the 20% darker color. If you saturate the color by 10%, you get **205, 243, 207**, and if you desaturate by 10%, it is **253, 243, 253**.

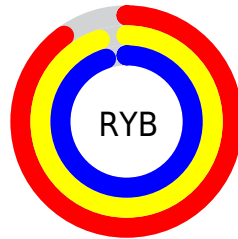
Distribution



Red (90%)

Green (95%)

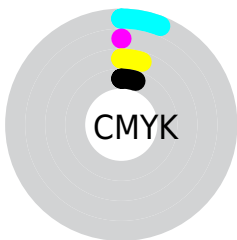
Blue (90%)



Red (90%)

Yellow (95%)

Blue (95%)

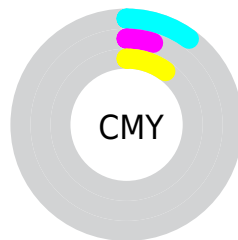


Cyan (6%)

Magenta (0%)

Yellow (5%)

Black (5%)



Cyan (10%)

Magenta (5%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 243, 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 229, 243, 230 by changing the saturation by 10% instead.

■ 229, 243, 230

255, 255, 255

■ 229, 243, 230

■ 201, 215, 202

■ 174, 187, 175

■ 147, 160, 148

■ 121, 134, 122

■ 96, 108, 97

■ 73, 84, 74

■ 50, 61, 51

■ 29, 39, 30

■ 4, 19, 5

 229, 243, 230

 229, 243, 230

 205, 243, 207

 253, 243, 253

 180, 243, 185

 255, 243, 255

 156, 243, 162

 132, 243, 140

 107, 243, 117

 83, 243, 95

 59, 243, 72

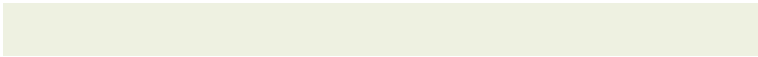
 35, 243, 49

 10, 243, 27

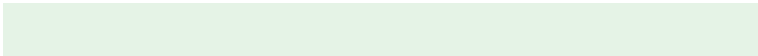
Harmonies

Analogous

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



238, 241, 225



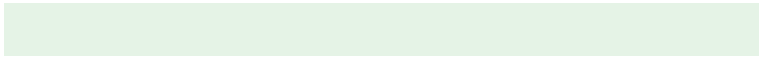
229, 243, 230



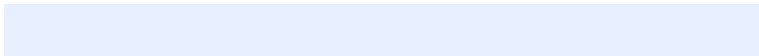
222, 244, 238

Triad

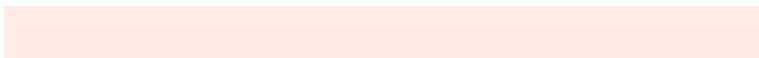
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229, 243, 230



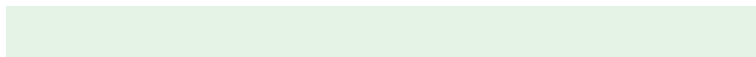
230, 240, 255



255, 234, 232

Complementary

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



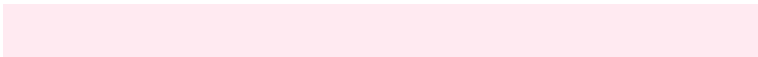
229, 243, 230



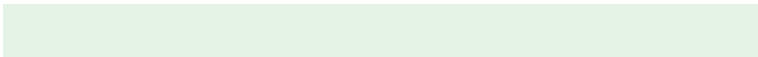
243, 229, 242

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, 234, 241



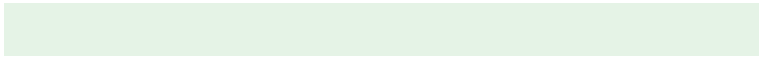
229, 243, 230



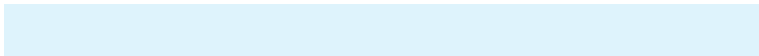
240, 238, 254

Square

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



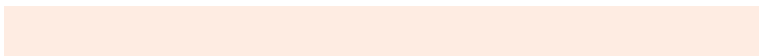
229, 243, 230



222, 243, 252



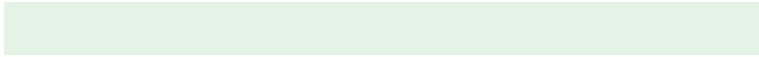
249, 235, 248



254, 236, 226

Rectangle

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



229, 243, 230



220, 244, 243



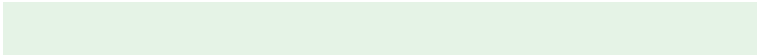
249, 235, 248



255, 234, 235

Sweetspot

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



229, 243, 230



250, 255, 250



242, 243, 229



125, 128, 125



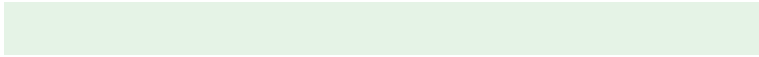
0, 0, 0



128, 128, 128

Same Dimension

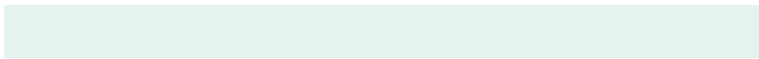
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229, 243, 230



237, 255, 238



229, 243, 237



113, 122, 113



0, 186, 13



0, 59, 4

Inverse Universe

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



243, 229, 242



255, 237, 254



243, 229, 235



122, 113, 122



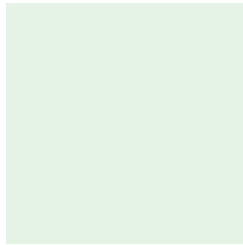
186, 0, 173



59, 0, 54

Previews

White Background



This preview shows how the RGB color 229, 243, 230 looks on a white background.

Color Contrast Check

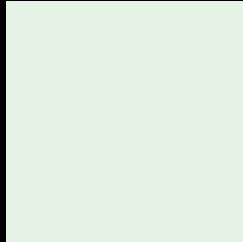
Large Text (above 18pt) WCAG AA × Fail

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 229, 243, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

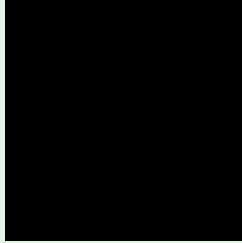
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

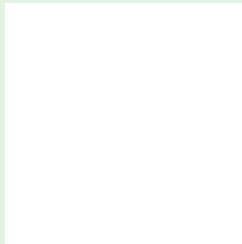
Any Text WCAG AAA ✓ Pass

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

RGB 229, 243, 230 Background



This preview shows how black text looks on a background with the RGB color 229, 243, 230.



This preview shows how white text looks on a background with the RGB color 229, 243, 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

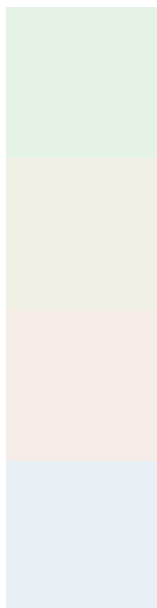




Tritanopia

234, 239, 255

Trichromacy



Original Color

229, 243, 230

Protanomaly

240, 240, 228

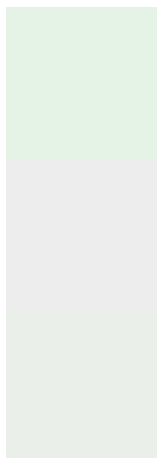
Deuteranomaly

246, 237, 233

Tritanomaly

232, 240, 246

Monochromacy



Original Color

229, 243, 230

Achromatopsia

237, 237, 237

Achromatomaly

234, 239, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 243, 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(229, 243, 230)` looks like.

```
.text, #text, p{  
    color:rgb(229, 243, 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(229, 243, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 243, 230) }
```

Border

The CSS property to change the border of an element to RGB 229, 243, 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(229, 243, 230) }
```

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

```
.border{ border-color:rgb(229, 243, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 243, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 243, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 243, 230); box-shadow:4px 4px 4px 4px rgb(229, 243, 230) }
```

Background

The CSS property to change the background color of an element to RGB 229, 243, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 243, 230) }
```

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

```
.background{ background-color: rgb(229,  
243, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor