

Converting Colors

RGB(227, 234, 226)

Have a look what the booklet for
RGB(227, 234, 226) contains.

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Color

RGB(227, 234, 226)

Conversions

Conversions Part 1

Format	Color
Hex	E3EAE2
RGB	227, 234, 226
RGB Percent	89%, 92%, 89%
CMY	0.1098, 0.0824, 0.1137
CMYK	0.03, 0.00, 0.03, 0.08
HSL	113°, 16%, 90%
HSV	113°, 3%, 92%
XYZ	74.8288, 80.6675, 83.5780
YIQ	230.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

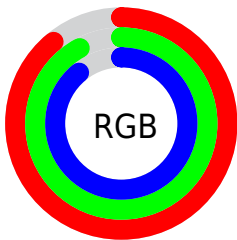
Format	Color
R _Y B	226, 234, 233
Decimal	14936802
CIE Lab	91.98, -3.76, 3.06
CIE LCh	92, 4.846, 140.893
Yxy	80.6675, 0.3130, 0.3374
Android (android.graphics.Color)	4293126882 (0xFFE3EAE2)
YUV	230.9950, -2.4625, -3.5036
Hunter-Lab	89.8151, -8.4604, 7.6979

Details

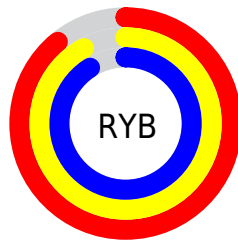
The RGB color **227, 234, 226** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **233, 226, 234**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 178, 171** is the 20% darker color. If you saturate the color by 10%, you get **207, 234, 203**, and if you desaturate by 10%, it is **247, 234, 249**.

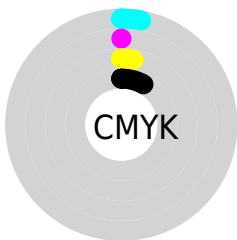
Distribution



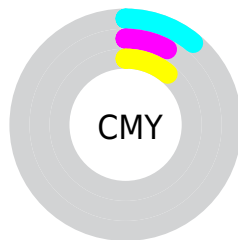
- Red (89%)
- Green (92%)
- Blue (89%)



- Red (89%)
- Yellow (92%)
- Blue (91%)



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



- Cyan (11%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 234, 226 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 227, 234, 226 by changing the saturation by 10% instead.

■ 227, 234, 226

255, 255, 255

■ 227, 234, 226

■ 199, 206, 198

■ 172, 178, 171

■ 145, 152, 144

■ 119, 126, 119

■ 95, 101, 94

■ 71, 77, 70

■ 49, 54, 48

■ 28, 33, 27

■ 1, 10, 0

 227, 234, 226

 227, 234, 226

 207, 234, 203

 247, 234, 249


 186, 234, 179

 255, 234, 255

 166, 234, 156

 145, 234, 132

 125, 234, 109

 104, 234, 86

 84, 234, 62

 63, 234, 39

 43, 234, 15

Harmonies

Analogous

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



232, 233, 223



227, 234, 226



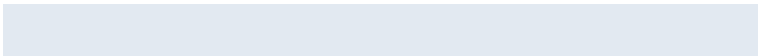
223, 235, 230

Triad

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



227, 234, 226



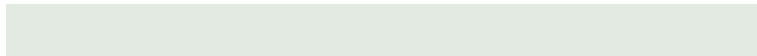
226, 233, 241



242, 229, 229

Complementary

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



227, 234, 226



233, 226, 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.



241, 229, 234



227, 234, 226



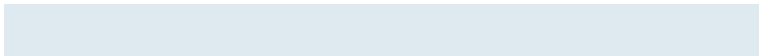
231, 231, 241

Square

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



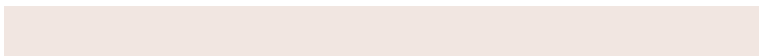
227, 234, 226



222, 234, 239



237, 230, 238



241, 230, 225

Rectangle

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



227, 234, 226



221, 235, 234



237, 230, 238



242, 229, 230

Sweetspot

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



227, 234, 226



253, 255, 252



234, 233, 226



126, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



227, 234, 226



246, 255, 245



226, 234, 229



112, 117, 111



23, 181, 0



7, 54, 0

Inverse Universe

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



233, 226, 234



254, 245, 255



234, 226, 231



117, 111, 117



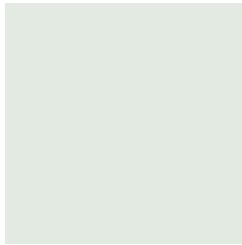
158, 0, 181



47, 0, 54

Previews

White Background



This preview shows how the RGB color 227, 234, 226 looks on a white background.

Color Contrast Check

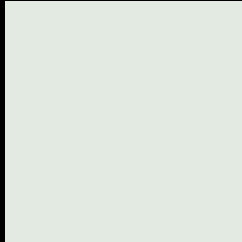
Large Text (above 18pt) WCAG AA × Fail

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 227, 234, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

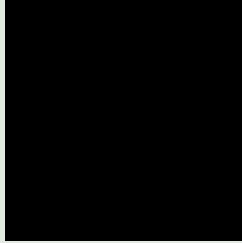
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

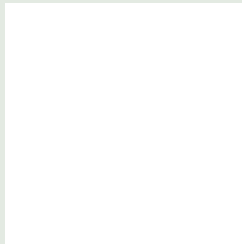
Any Text WCAG AAA ✓ Pass

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

RGB 227, 234, 226 Background



This preview shows how black text looks on a background with the RGB color 227, 234, 226.




This preview shows how white text looks on a background with the RGB color 227, 234, 226.

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

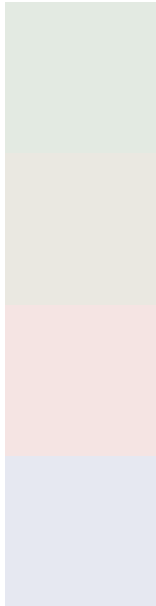




Tritanopia

231, 231, 249

Trichromacy



Original Color

227, 234, 226

Protanomaly

234, 232, 225

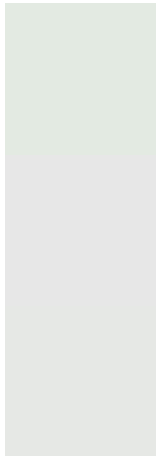
Deuteranomaly

245, 228, 227

Tritanomaly

230, 232, 241

Monochromacy



Original Color

227, 234, 226

Achromatopsia

231, 231, 231

Achromatomaly

230, 232, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 234, 226 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(227, 234, 226)` looks like.

```
.text, #text, p{  
    color:rgb(227, 234, 226)  
}
```

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(227, 234, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 234, 226) }
```

Border

The CSS property to change the border of an element to RGB 227, 234, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

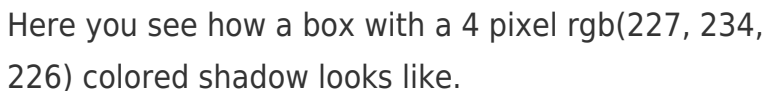
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 234, 226) }
```

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

```
.border{ border-color:rgb(227, 234, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 234, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 234, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 234, 226); box-shadow:4px 4px 4px 4px rgb(227, 234, 226) }
```

Background

The CSS property to change the background color of an element to RGB 227, 234, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 234, 226) }
```

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

```
.background{ background-color: rgb(227,  
234, 226) }
```

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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