

Converting Colors

RGB(229, 231, 234)

Have a look what the booklet for
RGB(229, 231, 234) contains.

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Color

RGB(229, 231, 234)

Conversions

Conversions Part 1

Format	Color
Hex	E5E7EA
RGB	229, 231, 234
RGB Percent	90%, 91%, 92%
CMY	0.1020, 0.0941, 0.0824
CMYK	0.02, 0.01, 0.00, 0.08
HSL	216°, 11%, 91%
HSV	216°, 2%, 92%
XYZ	75.7403, 79.7504, 89.2433
YIQ	230.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

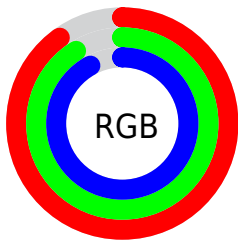
Format	Color
R _Y B	229, 230, 234
Decimal	15067114
CIE Lab	91.57, -0.12, -1.70
CIE LCh	92, 1.704, 265.879
Yxy	79.7504, 0.3095, 0.3259
Android (android.graphics.Color)	4293257194 (0xFFE5E7EA)
YUV	230.7440, 1.6052, -1.5295
Hunter-Lab	89.3031, -4.8897, 3.2618

Details

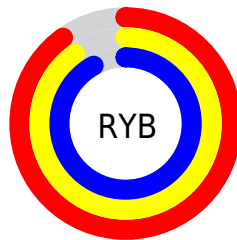
The RGB color **229, 231, 234** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **234, 232, 229**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **174, 175, 178** is the 20% darker color. If you saturate the color by 10%, you get **206, 217, 234**, and if you desaturate by 10%, it is **252, 245, 234**.

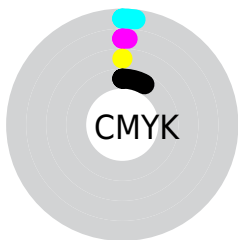
Distribution



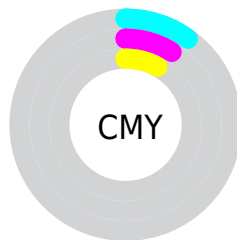
- Red (90%)
- Green (91%)
- Blue (92%)



- Red (90%)
- Yellow (90%)
- Blue (92%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (10%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 231, 234 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, 231, 234 by changing the saturation by 10% instead.

■ 229, 231, 234

255, 255, 255

■ 229, 231, 234

■ 201, 203, 206

■ 174, 175, 178

■ 147, 149, 152

■ 121, 123, 126

■ 96, 98, 101

■ 73, 74, 77

■ 50, 52, 54

■ 29, 31, 33

■ 3, 6, 10

 229, 231, 234

 229, 231, 234


 206, 217, 234


 252, 245, 234


 182, 203, 234


 255, 255, 234


 159, 189, 234


 135, 175, 234

 112, 161, 234

 89, 147, 234

 65, 133, 234

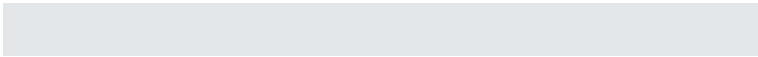
 42, 119, 234

 18, 105, 234

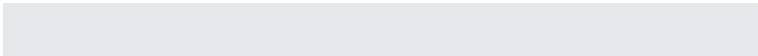
Harmonies

Analogous

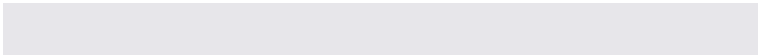
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 231, 233



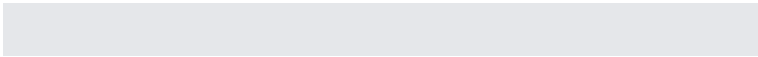
229, 231, 234



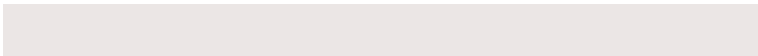
231, 230, 234

Triad

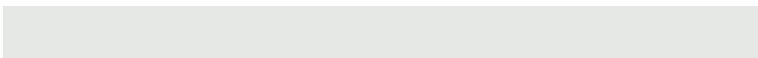
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229, 231, 234



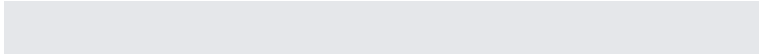
235, 230, 229



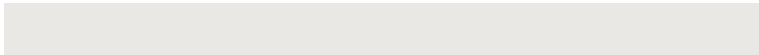
229, 232, 229

Complementary

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



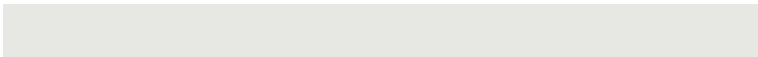
229, 231, 234



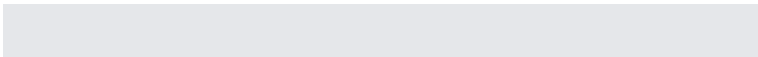
234, 232, 229

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.



231, 231, 228



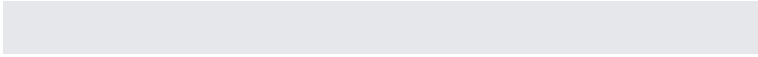
229, 231, 234



234, 230, 228

Square

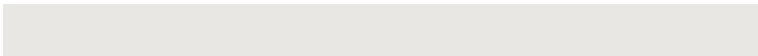
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



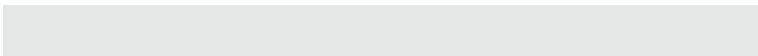
229, 231, 234



234, 230, 231



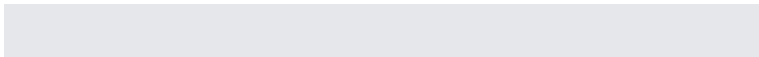
233, 231, 228



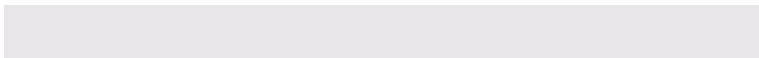
227, 232, 230

Rectangle

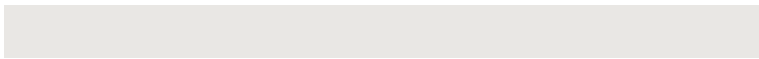
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229, 231, 234



232, 230, 233



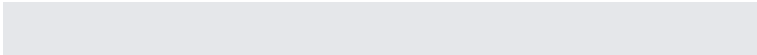
233, 231, 228



229, 231, 228

Sweetspot

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



229, 231, 234



252, 253, 255



229, 234, 232



126, 127, 128



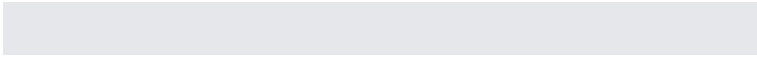
0, 0, 0



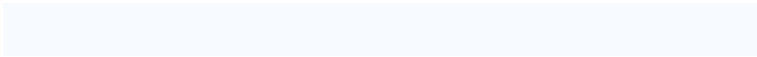
128, 128, 128

Same Dimension

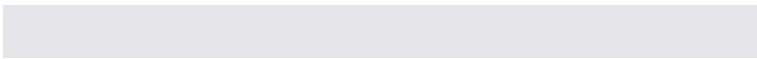
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229, 231, 234



247, 250, 255



230, 229, 234



113, 114, 117



0, 72, 181



0, 21, 54

Inverse Universe

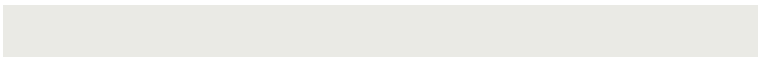
The Inverse Universe completely reimagines the original color for something new.



234, 229, 231



255, 247, 250



234, 234, 229



117, 113, 114



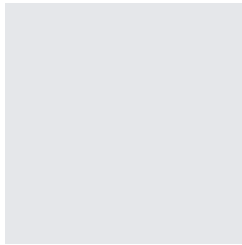
181, 0, 72



54, 0, 21

Previews

White Background



This preview shows how the RGB color 229, 231, 234 looks on a white background.

Color Contrast Check

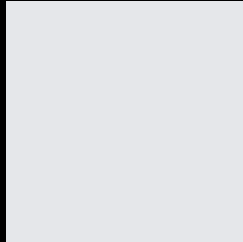
Large Text (above 18pt) WCAG AA × Fail

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, 231, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

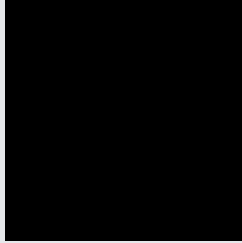
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

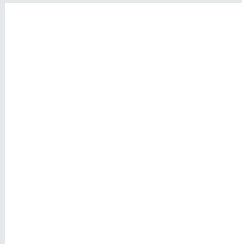
Any Text WCAG AAA ✓ Pass

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

RGB 229, 231, 234 Background



This preview shows how black text looks on a background with the RGB color 229, 231, 234.

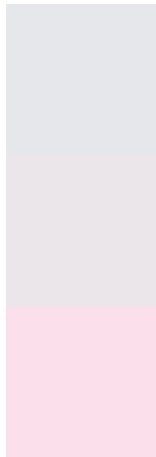


This preview shows how white text looks on a background with the RGB color 229, 231, 234.

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, 231, 234

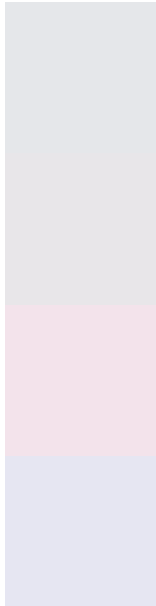
Protanopia
234, 230, 233

Deuteranopia
251, 224, 235



Tritanopia
231, 229, 247

Trichromacy



Original Color

229, 231, 234

Protanomaly

232, 230, 233

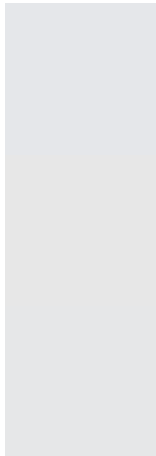
Deuteranomaly

243, 227, 235

Tritanomaly

230, 230, 242

Monochromacy



Original Color

229, 231, 234

Achromatopsia

231, 231, 231

Achromatomaly

230, 231, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 231, 234 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, 231, 234) looks like.

```
.text, #text, p{  
    color:rgb(229, 231, 234)  
}
```

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, 231, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 231, 234) }
```

Border

The CSS property to change the border of an element to RGB 229, 231, 234 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, 231, 234) }
```

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

```
.border{ border-color:rgb(229, 231, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 231, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 231, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 231, 234);  
box-shadow:4px 4px 4px 4px rgb(229, 231,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 229, 231, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 231, 234) }
```

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

```
.background{ background-color: rgb(229,  
231, 234) }
```

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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