

Converting Colors

RGB(229, 232, 231)

Have a look what the booklet for
RGB(229, 232, 231) contains.

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Color

RGB(229, 232, 231)

Conversions

Conversions Part 1

Format	Color
Hex	E5E8E7
RGB	229, 232, 231
RGB Percent	90%, 91%, 91%
CMY	0.1020, 0.0902, 0.0941
CMYK	0.01, 0.00, 0.00, 0.09
HSL	160°, 6%, 90%
HSV	160°, 1%, 91%
XYZ	75.5935, 80.1408, 87.0858
YIQ	230.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

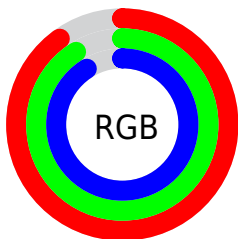
Format	Color
R _Y B	229, 231, 232
Decimal	15067367
CIE Lab	91.75, -1.18, 0.12
CIE LCh	92, 1.184, 174.014
Yxy	80.1408, 0.3113, 0.3300
Android (android.graphics.Color)	4293257447 (0xFFE5E8E7)
YUV	230.9890, 0.0054, -1.7444
Hunter-Lab	89.5214, -5.9337, 4.9880

Details

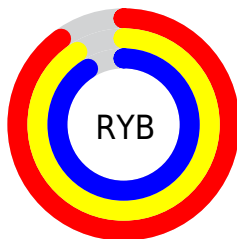
The RGB color **229, 232, 231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232, 229, 230**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **174, 176, 175** is the 20% darker color. If you saturate the color by 10%, you get **206, 232, 223**, and if you desaturate by 10%, it is **252, 232, 239**.

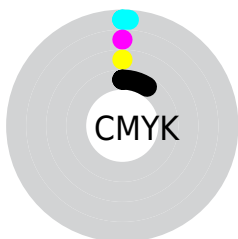
Distribution



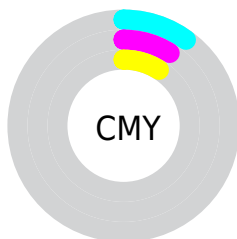
- Red (90%)
- Green (91%)
- Blue (91%)



- Red (90%)
- Yellow (91%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 232, 231 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, 232, 231 by changing the saturation by 10% instead.

■ 229, 232, 231

255, 255, 255

■ 229, 232, 231

■ 201, 204, 203

■ 174, 176, 175

■ 147, 150, 149

■ 121, 124, 123

■ 97, 99, 98

■ 73, 75, 74

■ 50, 53, 52

■ 29, 31, 31

■ 3, 7, 6

 229, 232, 231

 229, 232, 231

 206, 232, 223

 252, 232, 239

 183, 232, 216

 255, 232, 246

 159, 232, 208

 255, 232, 254

 136, 232, 200

 255, 232, 255

 113, 232, 192

 90, 232, 185

 67, 232, 177

 43, 232, 169

 20, 232, 161

Harmonies

Analogous

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



230, 232, 230



229, 232, 231



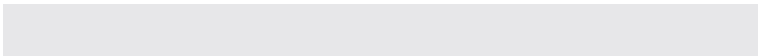
229, 232, 232

Triad

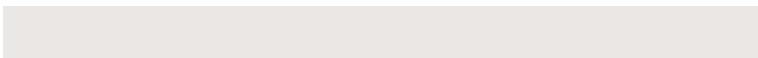
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229, 232, 231



231, 231, 233



234, 231, 229

Complementary

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



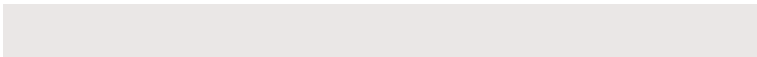
229, 232, 231



232, 229, 230

Split Complementary

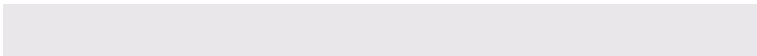
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 231, 230



229, 232, 231



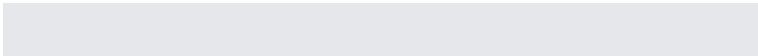
233, 231, 233

Square

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



229, 232, 231



230, 231, 234



234, 231, 232



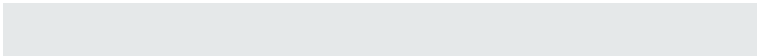
233, 231, 229

Rectangle

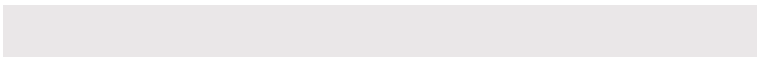
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



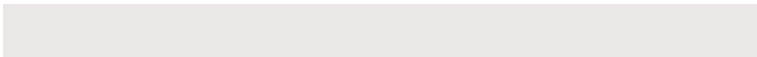
229, 232, 231



229, 232, 233



234, 231, 232



234, 231, 230

Sweetspot

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



229, 232, 231

255, 255, 255



230, 232, 229



128, 128, 128



0, 0, 0

Same Dimension

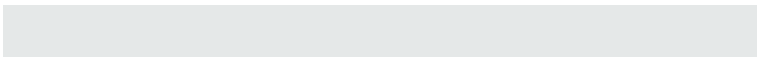
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229, 232, 231



250, 255, 253



229, 232, 232



112, 115, 114



0, 179, 119



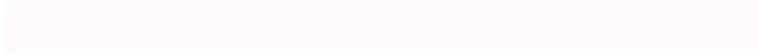
0, 51, 34

Inverse Universe

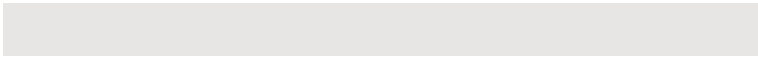
The Inverse Universe completely reimagines the original color for something new.



232, 229, 230



255, 250, 252



232, 230, 229



115, 112, 113



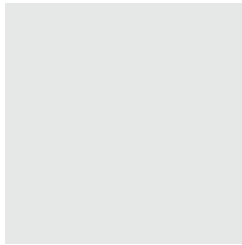
179, 0, 60



51, 0, 17

Previews

White Background



This preview shows how the RGB color 229, 232, 231 looks on a white background.

Color Contrast Check

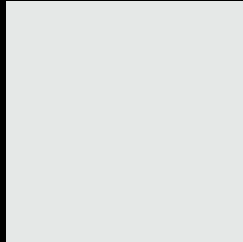
Large Text (above 18pt) WCAG AA × Fail

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, 232, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

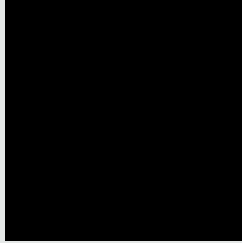
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

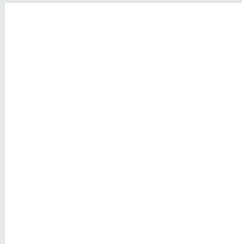
Any Text WCAG AAA ✓ Pass

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

RGB 229, 232, 231 Background



This preview shows how black text looks on a background with the RGB color 229, 232, 231.



This preview shows how white text looks on a background with the RGB color 229, 232, 231.

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](#).

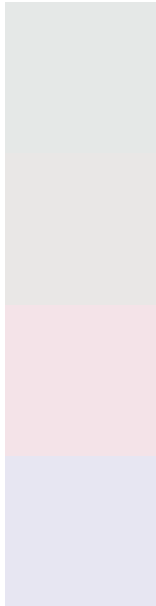
Dichromacy





Tritanopia
232, 229, 248

Trichromacy



Original Color

229, 232, 231

Protanomaly

233, 231, 230

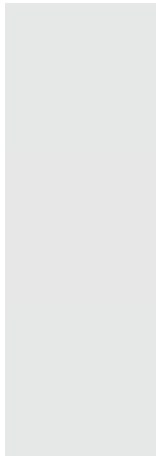
Deuteranomaly

244, 227, 232

Tritanomaly

231, 230, 242

Monochromacy



Original Color

229, 232, 231

Achromatopsia

231, 231, 231

Achromatomaly

230, 231, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 232, 231 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, 232, 231) looks like.

```
.text, #text, p{  
    color:rgb(229, 232, 231)  
}
```

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, 232, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 232, 231) }
```

Border

The CSS property to change the border of an element to RGB 229, 232, 231 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, 232, 231) }
```

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

```
.border{ border-color:rgb(229, 232, 231) }
```

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

Here you see how a box with a 4 pixel rgb(229, 232, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 232, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 232, 231);  
box-shadow:4px 4px 4px 4px rgb(229, 232,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 229, 232, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 232, 231) }
```

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

```
.background{ background-color: rgb(229,  
232, 231) }
```

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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