

Converting Colors

RGB(227, 230, 228)

Have a look what the booklet for
RGB(227, 230, 228) contains.

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Color

RGB(227, 230, 228)

Conversions

Conversions Part 1

Format	Color
Hex	E3E6E4
RGB	227, 230, 228
RGB Percent	89%, 90%, 89%
CMY	0.1098, 0.0980, 0.1059
CMYK	0.01, 0.00, 0.01, 0.10
HSL	140°, 6%, 90%
HSV	140°, 1%, 90%
XYZ	73.9790, 78.5260, 84.6567
YIQ	228.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

Format	Color
R _Y B	227, 229, 230
Decimal	14935780
CIE Lab	91.02, -1.36, 0.61
CIE LCh	91, 1.489, 155.835
Yxy	78.5260, 0.3119, 0.3311
Android (android.graphics.Color)	4293125860 (0xFFE3E6E4)
YUV	228.8750, -0.4314, -1.6444
Hunter-Lab	88.6149, -6.0577, 5.3887

Details

The RGB color **227, 230, 228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **230, 227, 229**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 175, 173** is the 20% darker color. If you saturate the color by 10%, you get **204, 230, 213**, and if you desaturate by 10%, it is **250, 230, 243**.

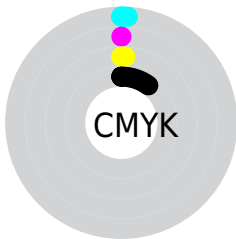
Distribution



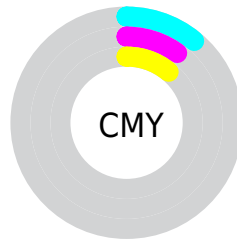
- Red (89%)
- Green (90%)
- Blue (89%)



- Red (89%)
- Yellow (90%)
- Blue (90%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 230, 228 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, 230, 228 by changing the saturation by 10% instead.

■ 227, 230, 228

255, 255, 255

■ 227, 230, 228

■ 199, 202, 200

■ 172, 175, 173

■ 145, 148, 146

■ 120, 122, 120

■ 95, 97, 96

■ 71, 74, 72

■ 49, 51, 50

■ 28, 30, 29

■ 1, 5, 2

 227, 230, 228

 227, 230, 228

 204, 230, 213

 250, 230, 243

 181, 230, 197

 255, 230, 255

 158, 230, 182

 135, 230, 167

 112, 230, 151

 89, 230, 136

 66, 230, 121

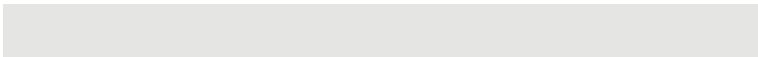
 43, 230, 105

 20, 230, 90

Harmonies

Analogous

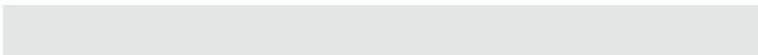
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229, 230, 227



227, 230, 228



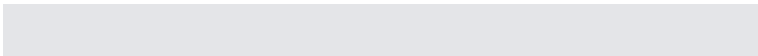
226, 230, 229

Triad

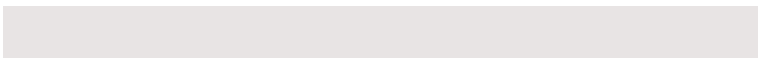
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227, 230, 228



228, 229, 232



232, 228, 228

Complementary

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



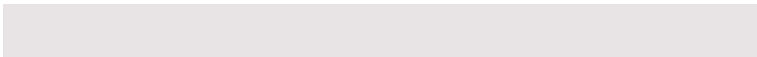
227, 230, 228



230, 227, 229

Split Complementary

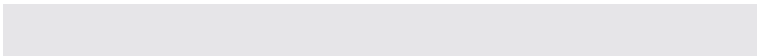
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232, 228, 229



227, 230, 228



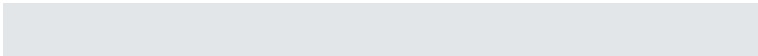
230, 229, 232

Square

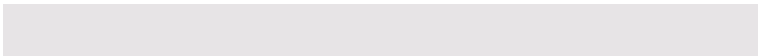
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



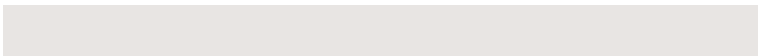
227, 230, 228



227, 230, 232



231, 228, 230



232, 229, 227

Rectangle

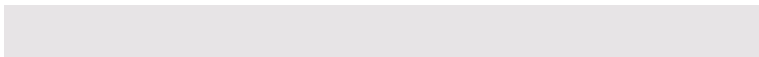
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



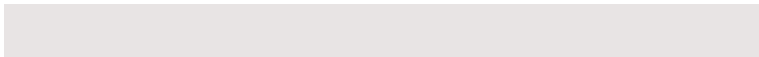
227, 230, 228



226, 230, 230



231, 228, 230



232, 228, 228

Sweetspot

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



227, 230, 228

255, 255, 255



229, 230, 227



128, 128, 128



0, 0, 0

Same Dimension

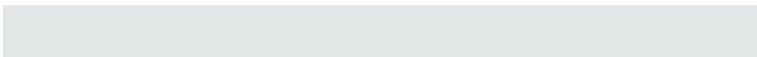
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227, 230, 228



250, 255, 252



227, 230, 230



112, 115, 113



0, 179, 60



0, 51, 17

Inverse Universe

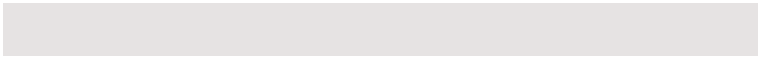
The Inverse Universe completely reimagines the original color for something new.



230, 227, 229



255, 250, 253



230, 227, 227



115, 112, 114



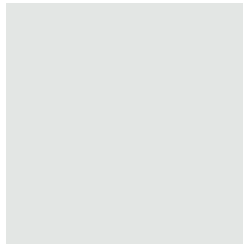
179, 0, 119



51, 0, 34

Previews

White Background



This preview shows how the RGB color 227, 230, 228 looks on a white background.

Color Contrast Check

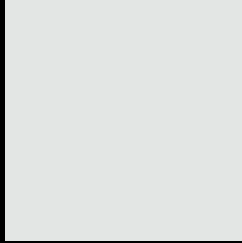
Large Text (above 18pt) WCAG AA × Fail

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, 230, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

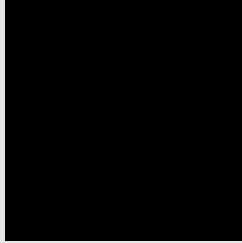
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

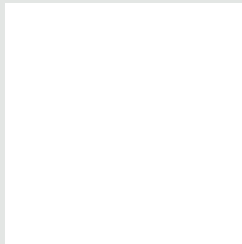
Any Text WCAG AAA ✓ Pass

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

RGB 227, 230, 228 Background



This preview shows how black text looks on a background with the RGB color 227, 230, 228.

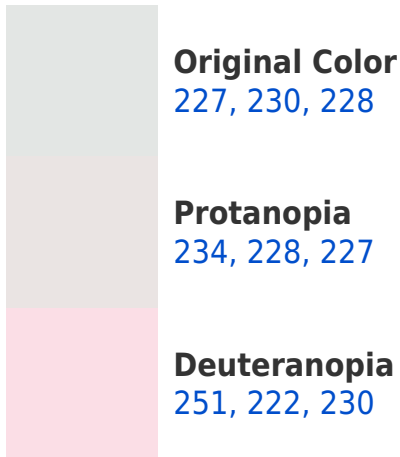


This preview shows how white text looks on a background with the RGB color 227, 230, 228.

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

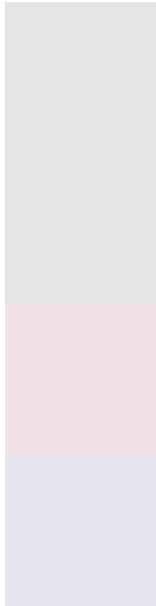




Tritanopia

230, 227, 245

Trichromacy



Original Color

227, 230, 228

Protanomaly

231, 229, 227

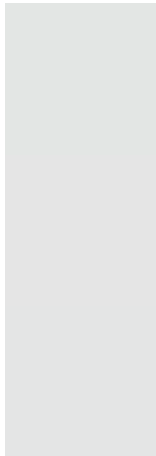
Deuteranomaly

242, 225, 229

Tritanomaly

229, 228, 239

Monochromacy



Original Color

227, 230, 228

Achromatopsia

229, 229, 229

Achromatomaly

228, 229, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 230, 228 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, 230, 228) looks like.

```
.text, #text, p{  
    color:rgb(227, 230, 228)  
}
```

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, 230, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 230, 228) }
```

Border

The CSS property to change the border of an element to RGB 227, 230, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

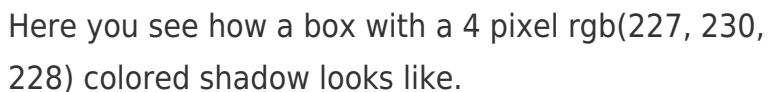
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 230, 228) }
```

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

```
.border{ border-color:rgb(227, 230, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 230, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 230, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 230, 228); box-shadow:4px 4px 4px 4px rgb(227, 230, 228) }
```

Background

The CSS property to change the background color of an element to RGB 227, 230, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 230, 228) }
```

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

```
.background{ background-color: rgb(227,  
230, 228) }
```

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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