

Converting Colors

RGB(227, 229, 240)

Have a look what the booklet for
RGB(227, 229, 240) contains.

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Color

RGB(227, 229, 240)

Conversions

Conversions Part 1

Format	Color
Hex	E3E5F0
RGB	227, 229, 240
RGB Percent	89%, 90%, 94%
CMY	0.1098, 0.1020, 0.0588
CMYK	0.05, 0.05, 0.00, 0.06
HSL	231°, 30%, 92%
HSV	231°, 5%, 94%
XYZ	75.4260, 78.6608, 93.6457
YIQ	229.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

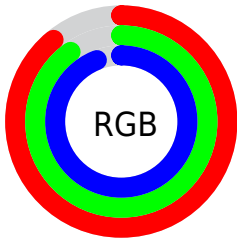
Format	Color
R _Y B	227, 229, 240
Decimal	14935536
CIE Lab	91.08, 1.36, -5.58
CIE LCh	91, 5.739, 283.676
Yxy	78.6608, 0.3045, 0.3175
Android (android.graphics.Color)	4293125616 (0xFFE3E5F0)
YUV	229.6560, 5.0996, -2.3293
Hunter-Lab	88.6909, -3.4061, -0.5187

Details

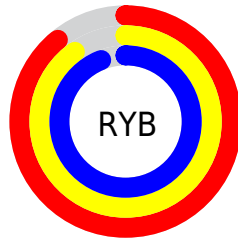
The RGB color **227, 229, 240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **240, 238, 227**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 174, 184** is the 20% darker color. If you saturate the color by 10%, you get **203, 209, 240**, and if you desaturate by 10%, it is 251, 249, 240.

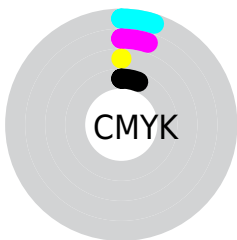
Distribution



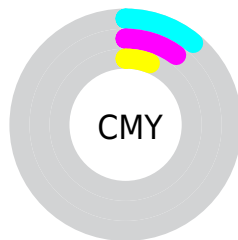
- Red (89%)
- Green (90%)
- Blue (94%)



- Red (89%)
- Yellow (90%)
- Blue (94%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (11%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 229, 240 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, 229, 240 by changing the saturation by 10% instead.

■ 227, 229, 240

255, 255, 255

■ 227, 229, 240

■ 199, 201, 212

■ 172, 174, 184

■ 145, 147, 157

■ 119, 121, 131

■ 95, 97, 106

■ 71, 73, 82

■ 49, 50, 59


■ 28, 29, 37

■ 1, 3, 16

 227, 229, 240

 227, 229, 240


 203, 209, 240


 251, 249, 240

 179, 188, 240

 255, 255, 240

 155, 168, 240

 131, 148, 240

 107, 127, 240

 83, 107, 240

 59, 87, 240

 35, 67, 240

 11, 46, 240

Harmonies

Analogous

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



221, 231, 240



227, 229, 240



234, 227, 237

Triad

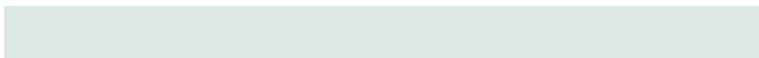
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227, 229, 240



241, 227, 222



219, 233, 226

Complementary

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



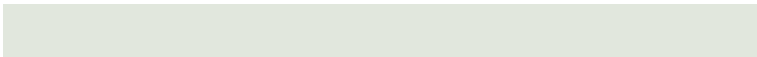
227, 229, 240



240, 238, 227

Split Complementary

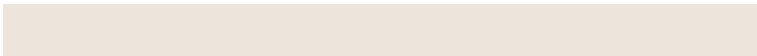
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225, 231, 221



227, 229, 240



237, 228, 219

Square

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



227, 229, 240



242, 226, 227



231, 230, 219



217, 233, 232

Rectangle

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



227, 229, 240



237, 226, 234



231, 230, 219



221, 232, 224

Sweetspot

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



227, 229, 240



250, 251, 255



227, 240, 238



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



227, 229, 240



237, 240, 255



231, 227, 240



110, 112, 120



0, 28, 184



0, 9, 56

Inverse Universe

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



240, 227, 229



255, 237, 240



236, 240, 227



120, 110, 112



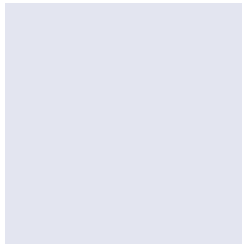
184, 0, 28



56, 0, 9

Previews

White Background



This preview shows how the RGB color 227, 229, 240 looks on a white background.

Color Contrast Check

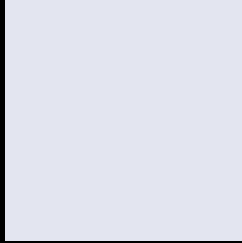
Large Text (above 18pt) WCAG AA × Fail

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, 229, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

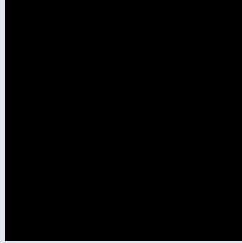
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

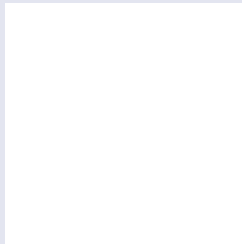
Any Text WCAG AAA ✓ Pass

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

RGB 227, 229, 240 Background



This preview shows how black text looks on a background with the RGB color 227, 229, 240.

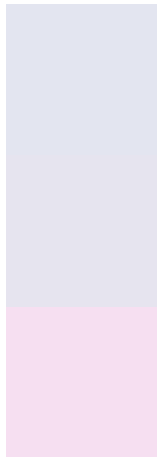


This preview shows how white text looks on a background with the RGB color 227, 229, 240.

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
227, 229, 240

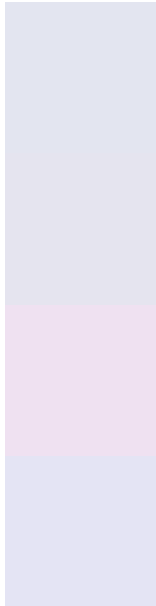
Protanopia
230, 228, 239

Deuteranopia
246, 223, 241



Tritanopia
228, 228, 246

Trichromacy



Original Color

227, 229, 240

Protanomaly

229, 228, 239

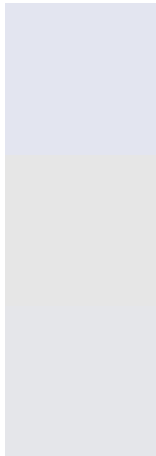
Deuteranomaly

239, 225, 241

Tritanomaly

228, 228, 244

Monochromacy



Original Color

227, 229, 240

Achromatopsia

230, 230, 230

Achromatomaly

229, 230, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 229, 240 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, 229, 240)` looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 240)  
}
```

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, 229, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 240) }
```

Border

The CSS property to change the border of an element to RGB 227, 229, 240 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, 229, 240) }
```

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

```
.border{ border-color:rgb(227, 229, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 229, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 229, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 229, 240); box-shadow:4px 4px 4px 4px rgb(227, 229, 240) }
```

Background

The CSS property to change the background color of an element to RGB 227, 229, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 240) }
```

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

```
.background{ background-color: rgb(227,  
229, 240) }
```

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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