

Converting Colors

RGB(226, 227, 235)

Have a look what the booklet for
RGB(226, 227, 235) contains.

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Color

RGB(226, 227, 235)

Conversions

Conversions Part 1

Format	Color
Hex	E2E3EB
RGB	226, 227, 235
RGB Percent	89%, 89%, 92%
CMY	0.1137, 0.1098, 0.0784
CMYK	0.04, 0.03, 0.00, 0.08
HSL	233°, 18%, 90%
HSV	233°, 4%, 92%
XYZ	73.8285, 77.1051, 89.5889
YIQ	227.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

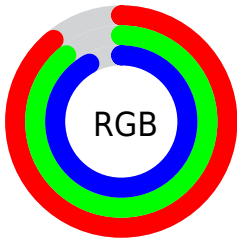
Format	Color
R _Y B	226, 227, 235
Decimal	14869483
CIE Lab	90.37, 1.13, -4.01
CIE LCh	90, 4.170, 285.701
Yxy	77.1051, 0.3070, 0.3206
Android (android.graphics.Color)	4293059563 (0xFFE2E3EB)
YUV	227.6130, 3.6418, -1.4146
Hunter-Lab	87.8095, -3.5873, 0.9752

Details

The RGB color `226, 227, 235` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `235, 234, 226`, and the grayscale version is `228, 228, 228`.

A 20% lighter version of the original color is `255, 255, 255`, and `171, 172, 179` is the 20% darker color. If you saturate the color by 10%, you get `203, 206, 235`, and if you desaturate by 10%, it is `249, 248, 235`.

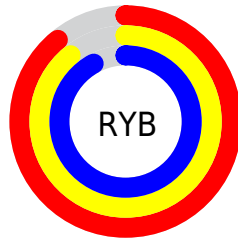
Distribution



Red (89%)

Green (89%)

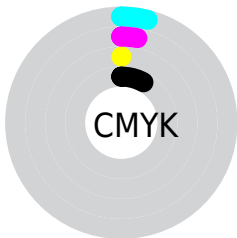
Blue (92%)



Red (89%)

Yellow (89%)

Blue (92%)

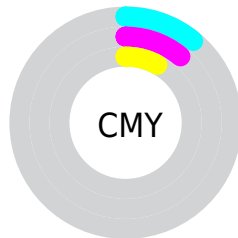


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 227, 235 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 226, 227, 235 by changing the saturation by 10% instead.

■ 226, 227, 235

255, 255, 255

■ 226, 227, 235

■ 198, 199, 207

■ 171, 172, 179

■ 144, 145, 153

■ 119, 120, 127

■ 94, 95, 102

■ 70, 71, 78

■ 48, 49, 55

■ 27, 28, 34

■ 0, 1, 11

 226, 227, 235

 226, 227, 235


 203, 206, 235

 249, 248, 235


 179, 185, 235


 255, 255, 235

 155, 164, 235

 132, 143, 235

 109, 123, 235

 85, 102, 235

 61, 81, 235

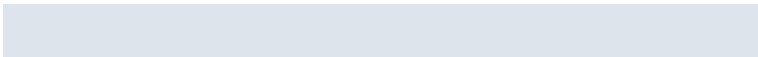
 38, 60, 235

 14, 39, 235

Harmonies

Analogous

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



222, 228, 235



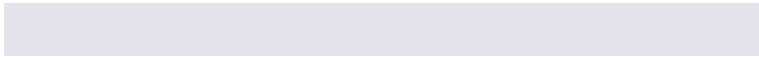
226, 227, 235



231, 226, 233

Triad

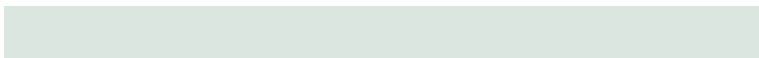
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 227, 235



236, 225, 222



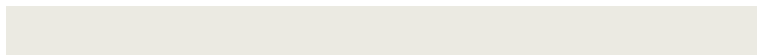
220, 230, 225

Complementary

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



226, 227, 235



235, 234, 226

Split Complementary

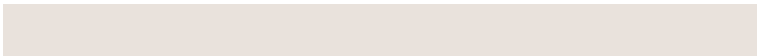
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224, 229, 222



226, 227, 235



233, 226, 220

Square

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



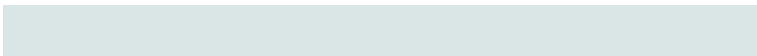
226, 227, 235



236, 225, 225



229, 228, 220



218, 230, 229

Rectangle

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



226, 227, 235



233, 225, 231



229, 228, 220



221, 230, 224

Sweetspot

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



226, 227, 235



252, 253, 255



226, 235, 234



126, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



226, 227, 235



242, 244, 255



229, 226, 235



110, 111, 117



0, 20, 181



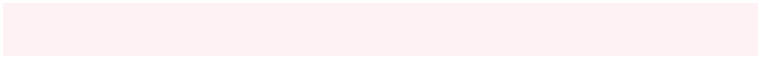
0, 6, 54

Inverse Universe

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



235, 226, 227



255, 242, 244



232, 235, 226



117, 110, 111



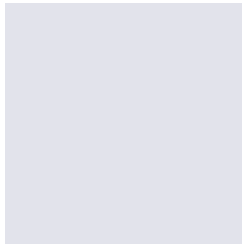
181, 0, 20



54, 0, 6

Previews

White Background



This preview shows how the RGB color 226, 227, 235 looks on a white background.

Color Contrast Check

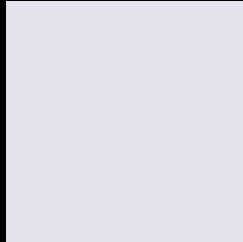
Large Text (above 18pt) WCAG AA × Fail

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 226, 227, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

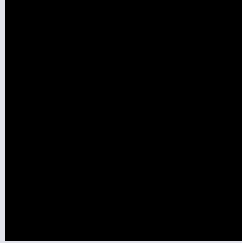
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

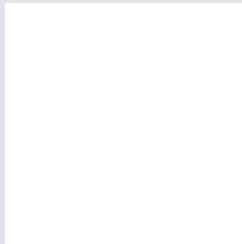
Any Text WCAG AAA ✓ Pass

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

RGB 226, 227, 235 Background



This preview shows how black text looks on a background with the RGB color 226, 227, 235.

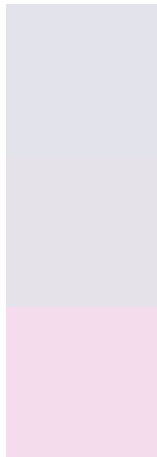


This preview shows how white text looks on a background with the RGB color 226, 227, 235.

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
226, 227, 235

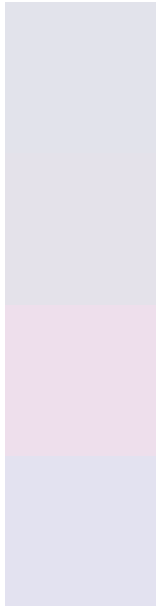
Protanopia
229, 226, 234

Deuteranopia
245, 220, 236



Tritanopia
227, 226, 243

Trichromacy



Original Color

226, 227, 235

Protanomaly

228, 226, 234

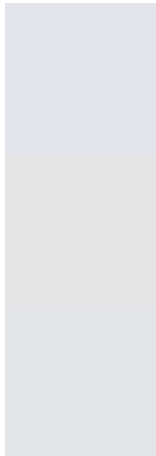
Deuteranomaly

238, 223, 236

Tritanomaly

227, 226, 240

Monochromacy



Original Color

226, 227, 235

Achromatopsia

228, 228, 228

Achromatomaly

227, 228, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 227, 235 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(226, 227, 235) looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 235)  
}
```

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(226, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 235) }
```

Border

The CSS property to change the border of an element to RGB 226, 227, 235 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(226, 227, 235) }
```

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

```
.border{ border-color:rgb(226, 227, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 227, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(226, 227,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 226, 227, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 235) }
```

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

```
.background{ background-color: rgb(226,  
227, 235) }
```

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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