

Converting Colors

RGB(233, 226, 235)

Have a look what the booklet for
RGB(233, 226, 235) contains.

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Color

RGB(233, 226, 235)

Conversions

Conversions Part 1

Format	Color
Hex	E9E2EB
RGB	233, 226, 235
RGB Percent	91%, 89%, 92%
CMY	0.0863, 0.1137, 0.0784
CMYK	0.01, 0.04, 0.00, 0.08
HSL	287°, 18%, 90%
HSV	287°, 4%, 92%
XYZ	75.7960, 77.7145, 89.6028
YIQ	229.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

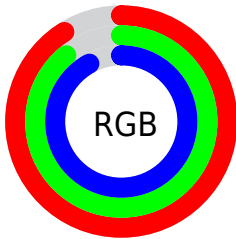
Format	Color
R _Y B	233, 226, 235
Decimal	15327979
CIE Lab	90.65, 3.97, -3.54
CIE LCh	91, 5.321, 318.266
Yxy	77.7145, 0.3118, 0.3197
Android (android.graphics.Color)	4293518059 (0xFFE9E2EB)
YUV	229.1190, 2.8993, 3.4036
Hunter-Lab	88.1558, -0.7991, 1.4459

Details

The RGB color **233, 226, 235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **228, 235, 226**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **177, 171, 179** is the 20% darker color. If you saturate the color by 10%, you get **228, 203, 235**, and if you desaturate by 10%, it is **238, 249, 235**.

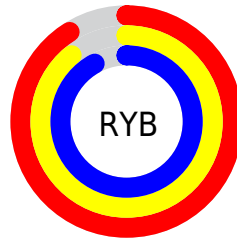
Distribution



Red (91%)

Green (89%)

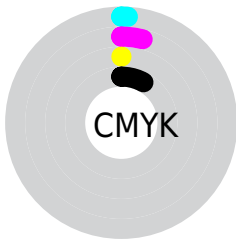
Blue (92%)



Red (91%)

Yellow (89%)

Blue (92%)

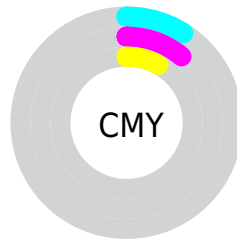


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (9%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 226, 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 233, 226, 235 by changing the saturation by 10% instead.

■ 233, 226, 235

255, 255, 255

■ 233, 226, 235

■ 205, 198, 207

■ 177, 171, 179

■ 151, 144, 153

■ 125, 119, 127

■ 100, 94, 102

■ 76, 70, 78

■ 53, 48, 55

■ 32, 27, 34

■ 9, 0, 11

 233, 226, 235


 233, 226, 235

 228, 203, 235


 238, 249, 235

 223, 179, 235


 243, 255, 235

 217, 155, 235

 249, 255, 235

 212, 132, 235


 254, 255, 235


 207, 109, 235

 255, 255, 235

 202, 85, 235

 196, 61, 235

 191, 38, 235

 186, 14, 235

Harmonies

Analogous

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



227, 228, 238



233, 226, 235



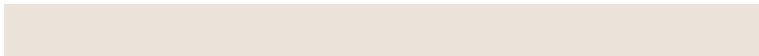
238, 225, 230

Triad

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



233, 226, 235



235, 227, 218



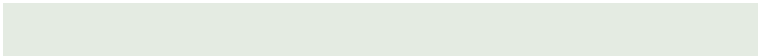
216, 231, 231

Complementary

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



233, 226, 235



228, 235, 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.



218, 231, 226



233, 226, 235



229, 229, 219

Square

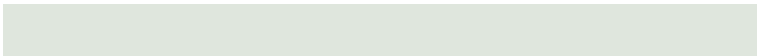
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233, 226, 235



239, 226, 221



223, 230, 221



217, 231, 236

Rectangle

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



233, 226, 235



239, 225, 227



223, 230, 221



217, 231, 229

Sweetspot

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



233, 226, 235



254, 252, 255



226, 228, 235



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



233, 226, 235



252, 242, 255



235, 226, 233



116, 110, 117



141, 0, 181



42, 0, 54

Inverse Universe

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



235, 226, 228



255, 242, 245



226, 235, 228



117, 110, 112



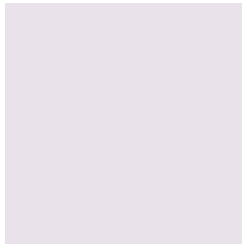
181, 0, 40



54, 0, 12

Previews

White Background



This preview shows how the RGB color 233, 226, 235 looks on a white background.

Color Contrast Check

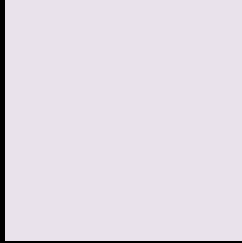
Large Text (above 18pt) WCAG AA × Fail

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 233, 226, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

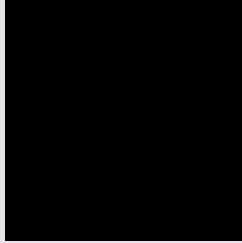
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

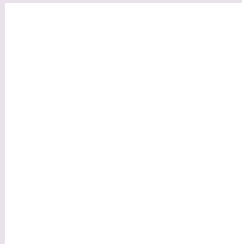
Any Text WCAG AAA ✓ Pass

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

RGB 233, 226, 235 Background



This preview shows how black text looks on a background with the RGB color 233, 226, 235.

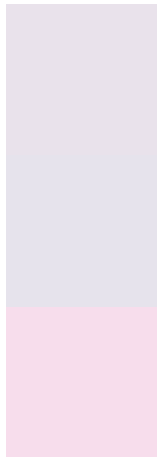


This preview shows how white text looks on a background with the RGB color 233, 226, 235.

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
233, 226, 235

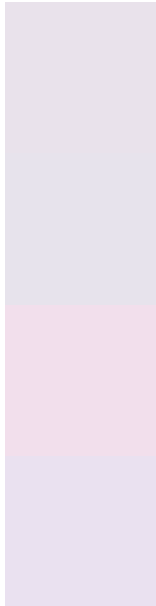
Protanopia
230, 227, 236

Deuteranopia
247, 221, 236



Tritanopia
234, 225, 243

Trichromacy



Original Color

233, 226, 235

Protanomaly

231, 227, 236

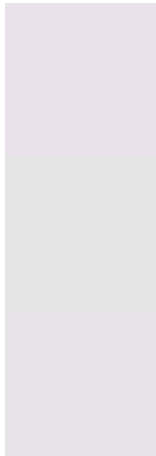
Deuteranomaly

242, 223, 236

Tritanomaly

234, 225, 240

Monochromacy



Original Color

233, 226, 235

Achromatopsia

229, 229, 229

Achromatomaly

230, 228, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 226, 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(233, 226, 235) looks like.

```
.text, #text, p{  
    color:rgb(233, 226, 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(233, 226, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 226, 235) }
```

Border

The CSS property to change the border of an element to RGB 233, 226, 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(233, 226, 235) }
```

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

```
.border{ border-color:rgb(233, 226, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 226, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 226, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 226, 235);  
box-shadow:4px 4px 4px 4px rgb(233, 226,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 233, 226, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 226, 235) }
```

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

```
.background{ background-color: rgb(233,  
226, 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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