

Converting Colors

RGB(225, 230, 235)

Have a look what the booklet for
RGB(225, 230, 235) contains.

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Color

RGB(225, 230, 235)

Conversions

Conversions Part 1

Format	Color
Hex	E1E6EB
RGB	225, 230, 235
RGB Percent	88%, 90%, 92%
CMY	0.1176, 0.0980, 0.0784
CMYK	0.04, 0.02, 0.00, 0.08
HSL	210°, 20%, 90%
HSV	210°, 4%, 92%
XYZ	74.3435, 78.5993, 89.8501
YIQ	229.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

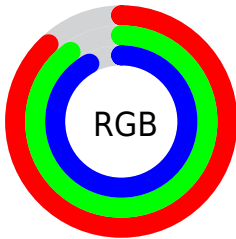
Format	Color
R _Y B	225, 228, 235
Decimal	14804715
CIE Lab	91.05, -0.75, -3.02
CIE LCh	91, 3.110, 256.083
Yxy	78.5993, 0.3062, 0.3237
Android (android.graphics.Color)	4292994795 (0xFFE1E6EB)
YUV	229.0750, 2.9210, -3.5738
Hunter-Lab	88.6563, -5.4656, 1.9710

Details

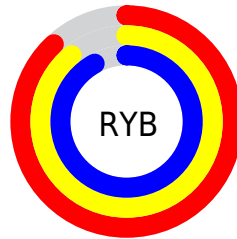
The RGB color **225, 230, 235** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **235, 230, 225**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 175, 179** is the 20% darker color. If you saturate the color by 10%, you get **202, 218, 235**, and if you desaturate by 10%, it is **249, 242, 235**.

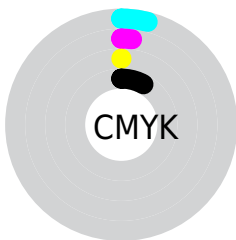
Distribution



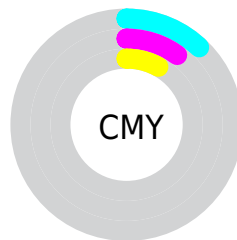
- Red (88%)
- Green (90%)
- Blue (92%)



- Red (88%)
- Yellow (89%)
- Blue (92%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (12%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 230, 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 225, 230, 235 by changing the saturation by 10% instead.

■ 225, 230, 235

255, 255, 255

■ 225, 230, 235

■ 197, 202, 207

■ 170, 175, 179

■ 143, 148, 153

■ 118, 122, 127

■ 93, 97, 102

■ 69, 74, 78

■ 47, 51, 55

■ 26, 30, 34

■ 0, 5, 11

 225, 230, 235


 225, 230, 235

 202, 218, 235


 249, 242, 235

 178, 207, 235


 255, 253, 235


 155, 195, 235


 255, 255, 235


 131, 183, 235

 108, 171, 235

 84, 160, 235

 60, 148, 235

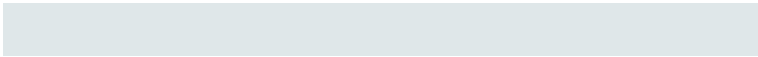
 37, 136, 235

 14, 124, 235

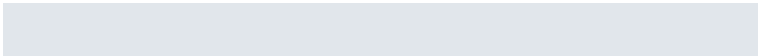
Harmonies

Analogous

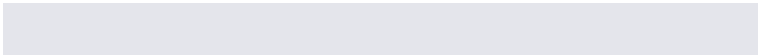
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 231, 233



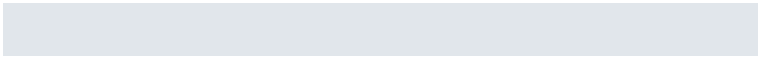
225, 230, 235



228, 229, 235

Triad

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



225, 230, 235



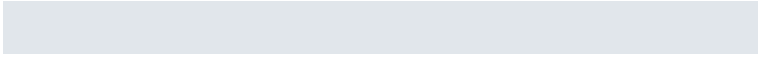
236, 227, 228



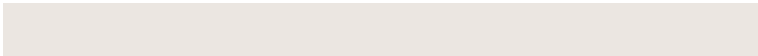
227, 231, 225

Complementary

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



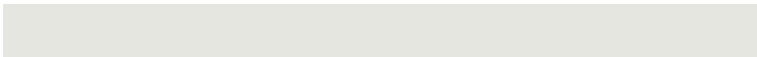
225, 230, 235



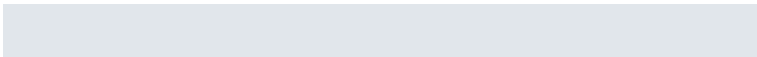
235, 230, 225

Split Complementary

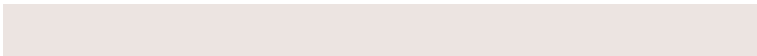
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 230, 224



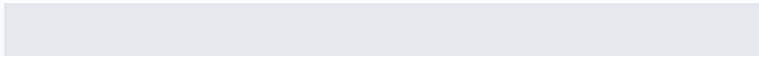
225, 230, 235



236, 228, 225

Square

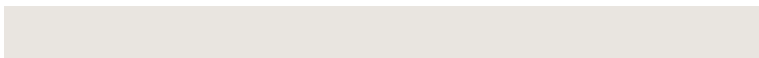
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



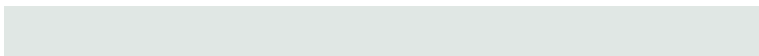
225, 230, 235



235, 228, 231



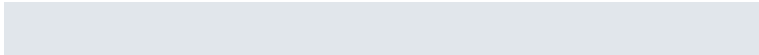
233, 229, 224



224, 231, 228

Rectangle

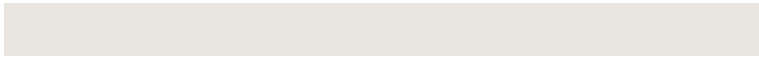
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225, 230, 235



231, 228, 234



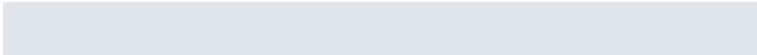
233, 229, 224



228, 230, 224

Sweetspot

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



225, 230, 235



252, 254, 255



225, 235, 230



126, 127, 128



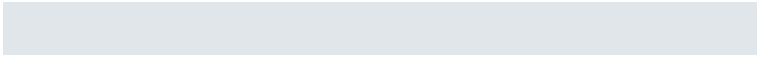
0, 0, 0



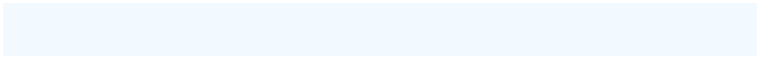
128, 128, 128

Same Dimension

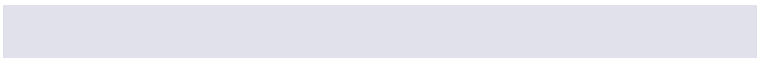
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 230, 235



242, 249, 255



225, 225, 235



110, 114, 117



0, 91, 181



0, 27, 54

Inverse Universe

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



235, 225, 230



255, 242, 249



235, 235, 225



117, 110, 114



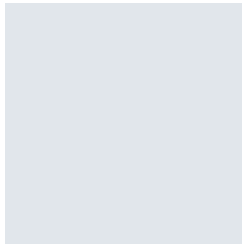
181, 0, 91



54, 0, 27

Previews

White Background



This preview shows how the RGB color 225, 230, 235 looks on a white background.

Color Contrast Check

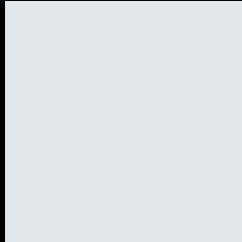
Large Text (above 18pt) WCAG AA × Fail

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 225, 230, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

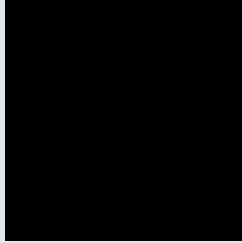
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

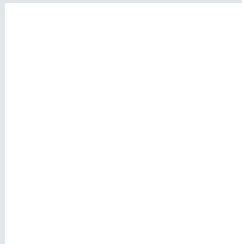
Any Text WCAG AAA ✓ Pass

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

RGB 225, 230, 235 Background



This preview shows how black text looks on a background with the RGB color 225, 230, 235.

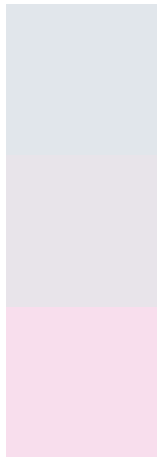


This preview shows how white text looks on a background with the RGB color 225, 230, 235.

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
225, 230, 235

Protanopia
232, 228, 234

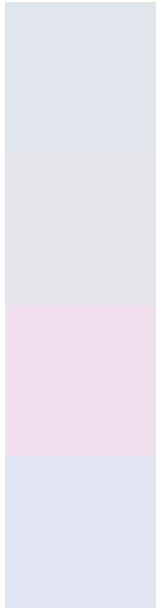
Deuteranopia
248, 222, 237



Tritanopia

227, 228, 246

Trichromacy



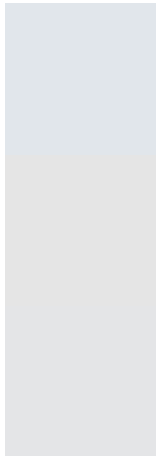
Original Color
225, 230, 235

Protanomaly
229, 229, 234

Deuteranomaly
240, 225, 236

Tritanomaly
226, 229, 242

Monochromacy



Original Color
225, 230, 235

Achromatopsia
229, 229, 229

Achromatomaly
228, 229, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 230, 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(225, 230, 235)` looks like.

```
.text, #text, p{  
    color:rgb(225, 230, 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(225, 230, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 230, 235) }
```

Border

The CSS property to change the border of an element to RGB 225, 230, 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(225, 230, 235) }
```

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

```
.border{ border-color:rgb(225, 230, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 230, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 230, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 230, 235);  
box-shadow:4px 4px 4px 4px rgb(225, 230,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 225, 230, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 230, 235) }
```

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

```
.background{ background-color: rgb(225,  
230, 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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