

Converting Colors

RGB(224, 231, 229)

Have a look what the booklet for
RGB(224, 231, 229) contains.

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Color

RGB(224, 231, 229)

Conversions

Conversions Part 1

Format	Color
Hex	E0E7E5
RGB	224, 231, 229
RGB Percent	88%, 91%, 90%
CMY	0.1216, 0.0941, 0.1020
CMYK	0.03, 0.00, 0.01, 0.09
HSL	163°, 13%, 89%
HSV	163°, 3%, 91%
XYZ	73.4592, 78.6563, 85.4392
YIQ	228.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

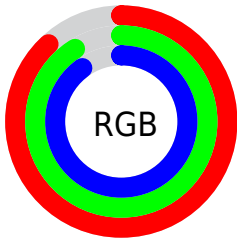
Format	Color
R_{YB}	224, 228, 231
Decimal	14739429
CIE Lab	91.08, -2.69, 0.15
CIE LCh	91, 2.697, 176.881
Yxy	78.6563, 0.3092, 0.3311
Android (android.graphics.Color)	4292929509 (0xFFE0E7E5)
YUV	228.6790, 0.1583, -4.1035
Hunter-Lab	88.6884, -7.3558, 4.9640

Details

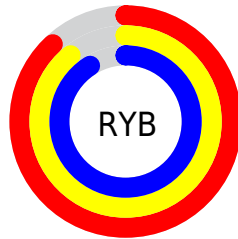
The RGB color **224, 231, 229** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **231, 224, 226**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **169, 175, 174** is the 20% darker color. If you saturate the color by 10%, you get **201, 231, 222**, and if you desaturate by 10%, it is **247, 231, 236**.

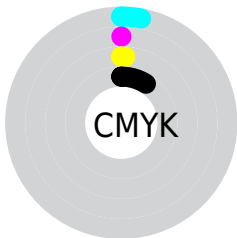
Distribution



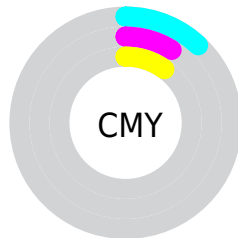
- Red (88%)
- Green (91%)
- Blue (90%)



- Red (88%)
- Yellow (89%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (12%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 231, 229 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 224, 231, 229 by changing the saturation by 10% instead.

■ 224, 231, 229

255, 255, 255

■ 224, 231, 229

■ 196, 203, 201

■ 169, 175, 174

■ 142, 149, 147

■ 117, 123, 121

■ 92, 98, 97

■ 69, 74, 73


■ 46, 52, 50

■ 26, 31, 29

■ 0, 6, 3

 224, 231, 229

 224, 231, 229

 201, 231, 222

 247, 231, 236

 178, 231, 216

 255, 231, 242

 155, 231, 209

 255, 231, 249

 132, 231, 203

 255, 231, 255

 109, 231, 196

 85, 231, 189

 62, 231, 183

 39, 231, 176

 16, 231, 170

Harmonies

Analogous

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



226, 231, 226



224, 231, 229



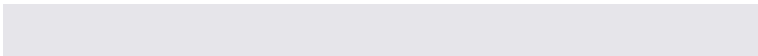
223, 231, 232

Triad

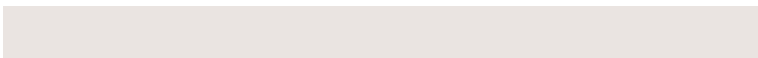
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224, 231, 229



230, 229, 234



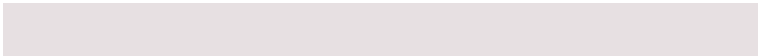
234, 228, 225

Complementary

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



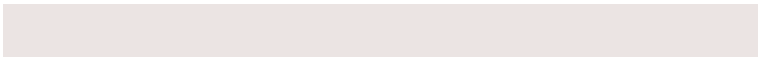
224, 231, 229



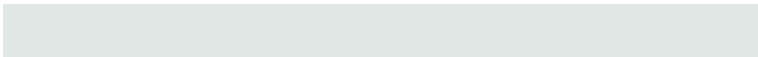
231, 224, 226

Split Complementary

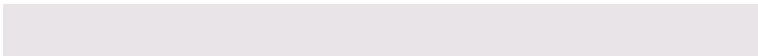
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235, 228, 227



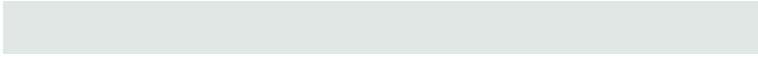
224, 231, 229



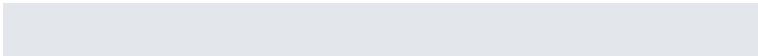
233, 228, 232

Square

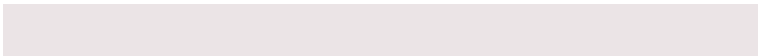
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



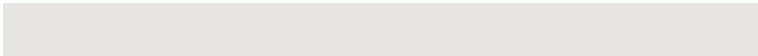
224, 231, 229



227, 230, 234



235, 228, 230



232, 229, 224

Rectangle

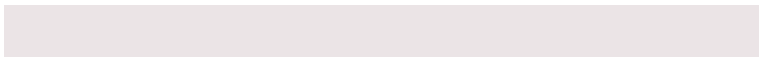
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



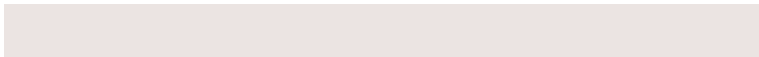
224, 231, 229



224, 231, 233



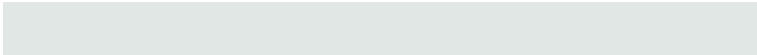
235, 228, 230



235, 228, 226

Sweetspot

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



224, 231, 229



252, 255, 254



226, 231, 224



126, 128, 127



0, 0, 0



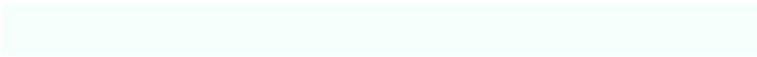
128, 128, 128

Same Dimension

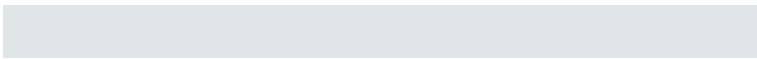
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224, 231, 229



245, 255, 252



224, 230, 231



109, 115, 113



0, 179, 128



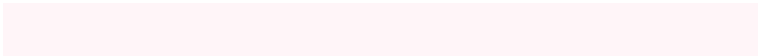
0, 51, 36

Inverse Universe

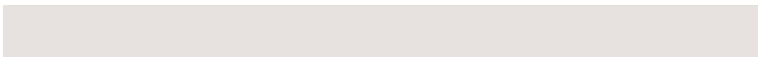
The Inverse Universe completely reimagines the original color for something new.



231, 224, 226



255, 245, 248



231, 225, 224



115, 109, 111



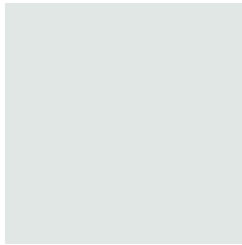
179, 0, 51



51, 0, 15

Previews

White Background



This preview shows how the RGB color 224, 231, 229 looks on a white background.

Color Contrast Check

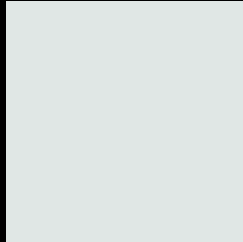
Large Text (above 18pt) WCAG AA × Fail

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 224, 231, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

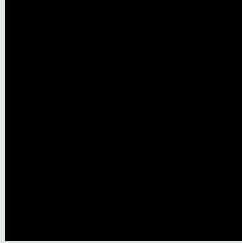
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

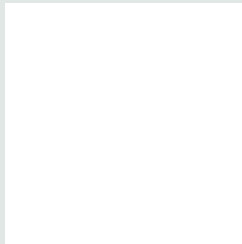
Any Text WCAG AAA ✓ Pass

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

RGB 224, 231, 229 Background



This preview shows how black text looks on a background with the RGB color 224, 231, 229.



This preview shows how white text looks on a background with the RGB color 224, 231, 229.

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](#).

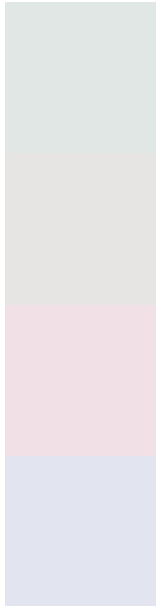
Dichromacy





Tritanopia
227, 228, 246

Trichromacy



Original Color

224, 231, 229

Protanomaly

230, 229, 228

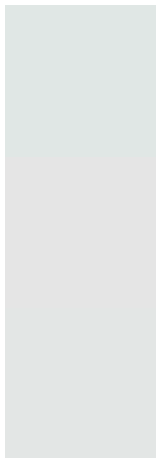
Deuteranomaly

241, 225, 230

Tritanomaly

226, 229, 240

Monochromacy



Original Color

224, 231, 229

Achromatopsia

229, 229, 229

Achromatomaly

227, 230, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 231, 229 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(224, 231, 229) looks like.

```
.text, #text, p{  
    color:rgb(224, 231, 229)  
}
```

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(224, 231, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 231, 229) }
```

Border

The CSS property to change the border of an element to RGB 224, 231, 229 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(224, 231, 229) }
```

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

```
.border{ border-color:rgb(224, 231, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 231, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 231, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 231, 229);  
box-shadow:4px 4px 4px 4px rgb(224, 231,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 224, 231, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 231, 229) }
```

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

```
.background{ background-color: rgb(224,  
231, 229) }
```

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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