

Converting Colors

RGB(224, 231, 226)

Have a look what the booklet for
RGB(224, 231, 226) contains.

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Color

RGB(224, 231, 226)

Conversions

Conversions Part 1

Format	Color
Hex	E0E7E2
RGB	224, 231, 226
RGB Percent	88%, 91%, 89%
CMY	0.1216, 0.0941, 0.1137
CMYK	0.03, 0.00, 0.02, 0.09
HSL	137°, 13%, 89%
HSV	137°, 3%, 91%
XYZ	73.0439, 78.4901, 83.2518
YIQ	228.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

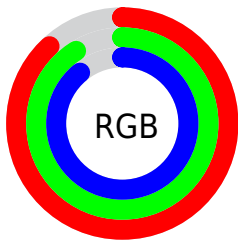
Format	Color
RYB	224, 229, 231
Decimal	14739426
CIELab	91.00, -3.23, 1.60
CIElCh	91, 3.611, 153.616
Yxy	78.4901, 0.3111, 0.3343
Android (android.graphics.Color)	4292929506 (0xFFE0E7E2)
YUV	228.3370, -1.1521, -3.8035
Hunter-Lab	88.5946, -7.8723, 6.3018

Details

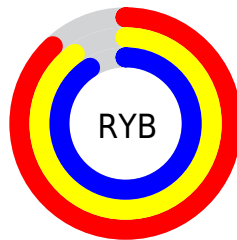
The RGB color **224, 231, 226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **231, 224, 229**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 175, 171** is the 20% darker color. If you saturate the color by 10%, you get **201, 231, 209**, and if you desaturate by 10%, it is **247, 231, 243**.

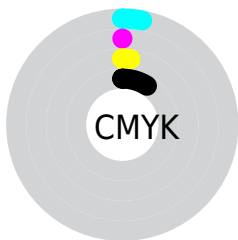
Distribution



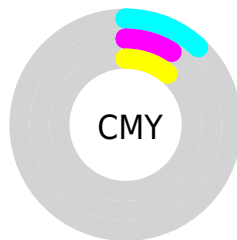
- Red (88%)
- Green (91%)
- Blue (89%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (12%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 231, 226 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, 226 by changing the saturation by 10% instead.

■ 224, 231, 226

255, 255, 255

■ 224, 231, 226

■ 196, 203, 198

■ 169, 175, 171

■ 142, 149, 144

■ 117, 123, 119

■ 92, 98, 94

■ 69, 74, 70


■ 46, 52, 48

■ 26, 31, 27

■ 0, 6, 0

 224, 231, 226

 224, 231, 226

 201, 231, 209

 247, 231, 243

 178, 231, 193

 255, 231, 255

 155, 231, 176

 132, 231, 160

 109, 231, 143

 85, 231, 127

 62, 231, 110

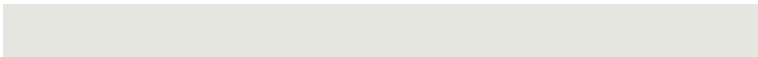
 39, 231, 94

 16, 231, 77

Harmonies

Analogous

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



228, 230, 223



224, 231, 226



222, 231, 229

Triad

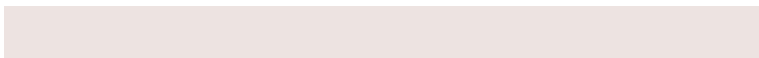
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224, 231, 226



226, 229, 236



237, 227, 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, 226



231, 224, 229

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.



237, 227, 229



224, 231, 226



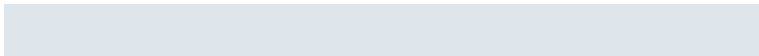
231, 228, 235

Square

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



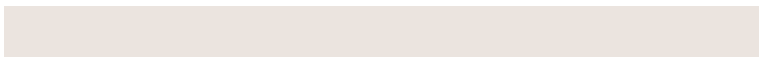
224, 231, 226



223, 230, 235



234, 227, 232



235, 228, 223

Rectangle

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



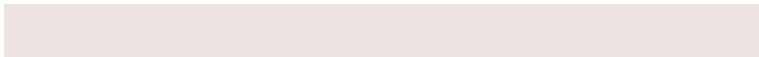
224, 231, 226



221, 231, 232



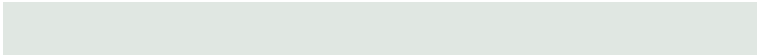
234, 227, 232



237, 227, 227

Sweetspot

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



224, 231, 226



252, 255, 253



229, 231, 224



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

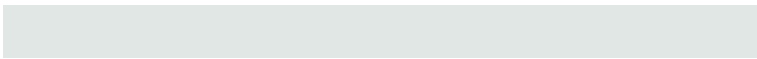
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224, 231, 226



245, 255, 248



224, 231, 229



109, 115, 111



0, 179, 51



0, 51, 15

Inverse Universe

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



231, 224, 229



255, 245, 252



231, 224, 226



115, 109, 113



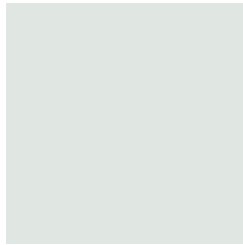
179, 0, 128



51, 0, 36

Previews

White Background



This preview shows how the RGB color 224, 231, 226 looks on a white background.

Color Contrast Check

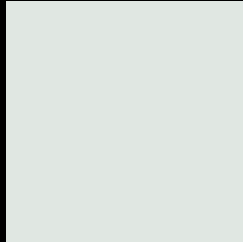
Large Text (above 18pt) WCAG AA × Fail

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, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

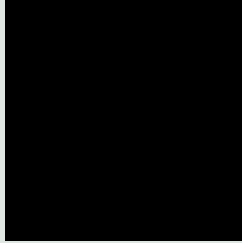
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

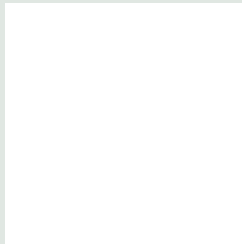
Any Text WCAG AAA ✓ Pass

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

RGB 224, 231, 226 Background



This preview shows how black text looks on a background with the RGB color 224, 231, 226.



This preview shows how white text looks on a background with the RGB color 224, 231, 226.

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

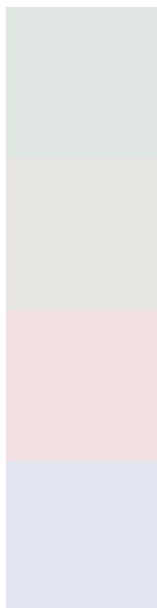




Tritanopia

227, 228, 246

Trichromacy



Original Color

224, 231, 226

Protanomaly

230, 229, 225

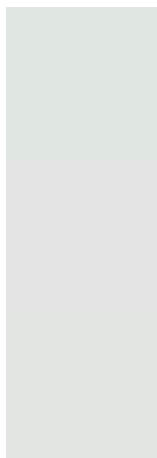
Deuteranomaly

241, 225, 227

Tritanomaly

226, 229, 239

Monochromacy



Original Color

224, 231, 226

Achromatopsia

228, 228, 228

Achromatomaly

227, 229, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 231, 226 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, 226) looks like.

```
.text, #text, p{  
    color:rgb(224, 231, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 231, 226) }
```

Border

The CSS property to change the border of an element to RGB 224, 231, 226 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, 226) }
```

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

```
.border{ border-color:rgb(224, 231, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 231, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 231, 226); box-shadow:4px 4px 4px 4px rgb(224, 231, 226) }
```

Background

The CSS property to change the background color of an element to RGB 224, 231, 226 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, 226) }
```

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

```
.background{ background-color: rgb(224,  
231, 226) }
```

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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