

Converting Colors

RGB(224, 231, 240)

Have a look what the booklet for
RGB(224, 231, 240) contains.

RGB(224, 231, 240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(224, 231, 240)

Conversions

Conversions Part 1

Format	Color
Hex	E0E7F0
RGB	224, 231, 240
RGB Percent	88%, 91%, 94%
CMY	0.1216, 0.0941, 0.0588
CMYK	0.07, 0.04, 0.00, 0.06
HSL	214°, 35%, 91%
HSV	214°, 7%, 94%
XYZ	75.0446, 79.2904, 93.7874
YIQ	229.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

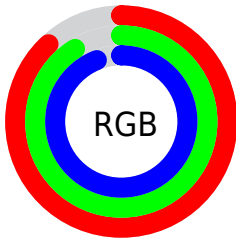
Format	Color
R _Y B	224, 229, 240
Decimal	14739440
CIE Lab	91.37, -0.65, -5.18
CIE LCh	91, 5.222, 262.816
Yxy	79.2904, 0.3024, 0.3196
Android (android.graphics.Color)	4292929520 (0xFFE0E7F0)
YUV	229.9330, 4.9630, -5.2032
Hunter-Lab	89.0452, -5.3946, -0.1160

Details

The RGB color `224, 231, 240` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `240, 233, 224`, and the grayscale version is `230, 230, 230`.

A 20% lighter version of the original color is `255, 255, 255`, and `169, 175, 184` is the 20% darker color. If you saturate the color by 10%, you get `200, 217, 240`, and if you desaturate by 10%, it is `248, 244, 240`.

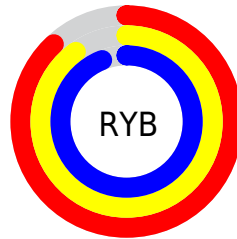
Distribution



Red (88%)

Green (91%)

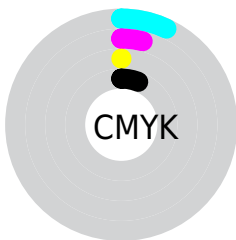
Blue (94%)



Red (88%)

Yellow (90%)

Blue (94%)

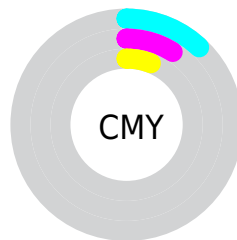


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (6%)



Cyan (12%)

Magenta (9%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 231, 240 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, 240 by changing the saturation by 10% instead.

■ 224, 231, 240

255, 255, 255

■ 224, 231, 240

■ 196, 203, 212

■ 169, 175, 184

■ 142, 149, 157

■ 117, 123, 131

■ 92, 98, 106

■ 68, 74, 82

■ 46, 52, 59

■ 25, 31, 37

■ 0, 6, 16

■ 224, 231, 240

■ 224, 231, 240

■ 200, 217, 240

■ 248, 244, 240

■ 176, 204, 240

■ 255, 255, 240

■ 152, 190, 240

■ 128, 177, 240

■ 104, 163, 240

■ 80, 150, 240

■ 56, 136, 240

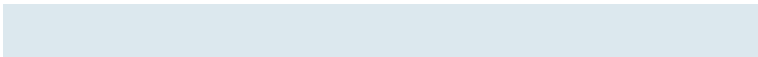
■ 32, 123, 240

■ 8, 110, 240

Harmonies

Analogous

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



220, 232, 238



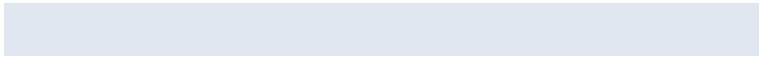
224, 231, 240



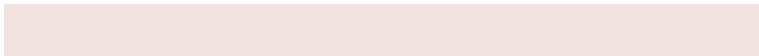
230, 229, 239

Triad

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



224, 231, 240



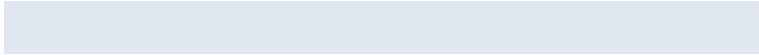
242, 227, 227



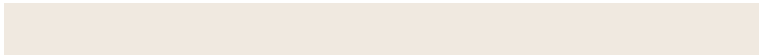
225, 232, 224

Complementary

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



224, 231, 240



240, 233, 224

Split Complementary

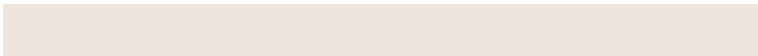
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 231, 221



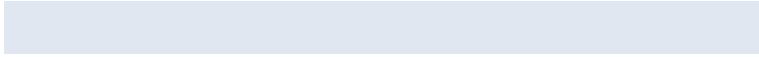
224, 231, 240



240, 228, 222

Square

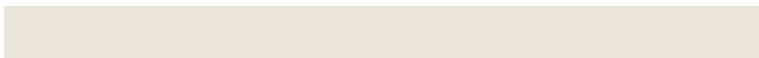
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224, 231, 240



240, 227, 232



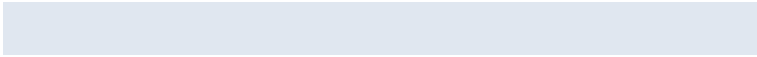
236, 229, 220



220, 233, 229

Rectangle

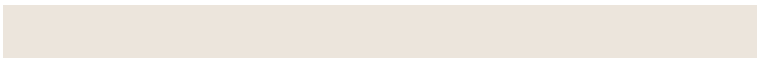
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224, 231, 240



234, 228, 238



236, 229, 220



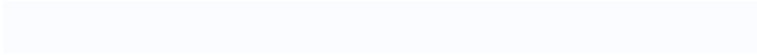
226, 232, 223

Sweetspot

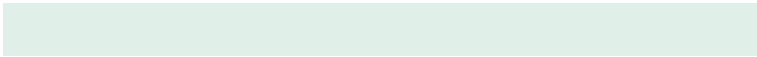
The Sweet Spot groups the original color and five complimentary colors.



224, 231, 240



250, 252, 255



224, 240, 233



125, 126, 128



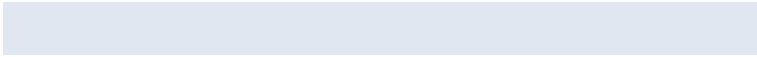
0, 0, 0



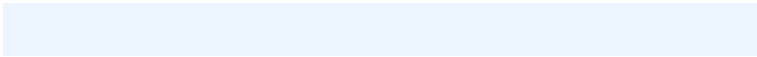
128, 128, 128

Same Dimension

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



224, 231, 240



235, 244, 255



225, 224, 240



108, 113, 120



0, 80, 184



0, 25, 56

Inverse Universe

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



240, 224, 231



255, 235, 244



239, 240, 224



120, 108, 113



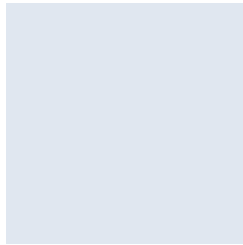
184, 0, 80



56, 0, 25

Previews

White Background



This preview shows how the RGB color 224, 231, 240 looks on a white background.

Color Contrast Check

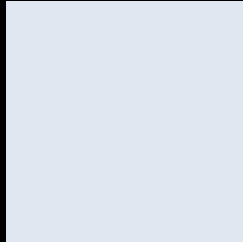
Large Text (above 18pt) WCAG AA × Fail

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, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

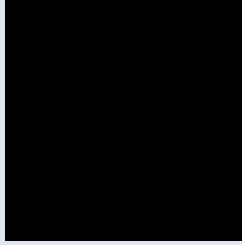
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

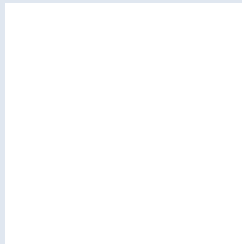
Any Text WCAG AAA ✓ Pass

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

RGB 224, 231, 240 Background



This preview shows how black text looks on a background with the RGB color 224, 231, 240.

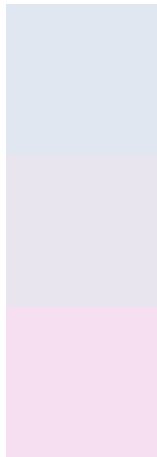


This preview shows how white text looks on a background with the RGB color 224, 231, 240.

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
224, 231, 240

Protanopia
232, 229, 239

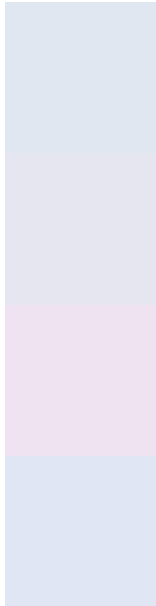
Deuteranopia
247, 223, 242



Tritanopia

225, 230, 248

Trichromacy



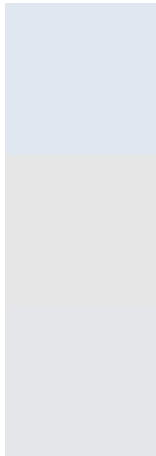
Original Color
224, 231, 240

Protanomaly
229, 230, 239

Deuteranomaly
239, 226, 241

Tritanomaly
225, 230, 245

Monochromacy



Original Color
224, 231, 240

Achromatopsia
230, 230, 230

Achromatomaly
228, 230, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 231, 240 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(224, 231, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 231, 240) }
```

Border

The CSS property to change the border of an element to RGB 224, 231, 240 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, 240) }
```

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

```
.border{ border-color:rgb(224, 231, 240) }
```

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, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 231, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 231, 240);  
box-shadow:4px 4px 4px 4px rgb(224, 231,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 224, 231, 240 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, 240) }
```

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

```
.background{ background-color: rgb(224,  
231, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor