

Converting Colors

RGB(230, 231, 250)

Have a look what the booklet for
RGB(230, 231, 250) contains.

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Color

RGB(230, 231, 250)

Conversions

Conversions Part 1

Format	Color
Hex	E6E7FA
RGB	230, 231, 250
RGB Percent	90%, 91%, 98%
CMY	0.0980, 0.0941, 0.0196
CMYK	0.08, 0.08, 0.00, 0.02
HSL	237°, 67%, 94%
HSV	237°, 8%, 98%
XYZ	78.4644, 80.8769, 101.9178
YIQ	232.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

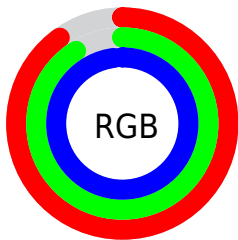
Format	Color
R _Y B	230, 231, 250
Decimal	15132666
CIE Lab	92.08, 3.20, -9.30
CIE LCh	92, 9.835, 288.965
Yxy	80.8769, 0.3003, 0.3096
Android (android.graphics.Color)	4293322746 (0xFFE6E7FA)
YUV	232.8670, 8.4466, -2.5144
Hunter-Lab	89.9316, -1.6410, -4.2401

Details

The RGB color **230, 231, 250** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **250, 249, 230**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **174, 175, 194** is the 20% darker color. If you saturate the color by 10%, you get **205, 207, 250**, and if you desaturate by 10%, it is 255, 255, 250.

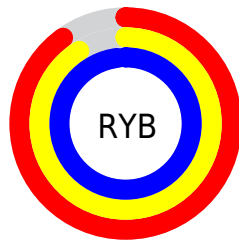
Distribution



Red (90%)

Green (91%)

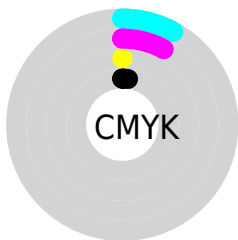
Blue (98%)



Red (90%)

Yellow (91%)

Blue (98%)

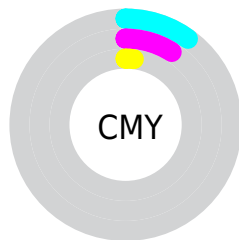


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (2%)



Cyan (10%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 231, 250 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 230, 231, 250 by changing the saturation by 10% instead.

■ 230, 231, 250

255, 255, 255

■ 230, 231, 250

■ 202, 203, 221

■ 174, 175, 194

■ 148, 149, 166

■ 122, 123, 140

■ 97, 98, 114

■ 73, 74, 90

■ 50, 52, 67

■ 29, 31, 44

■ 5, 6, 24

■ 230, 231, 250

■ 230, 231, 250

■ 205, 207, 250

■ 255, 255, 250

■ 180, 184, 250

■ 255, 255, 250

■ 155, 160, 250

■ 130, 136, 250

■ 105, 112, 250

■ 80, 88, 250

■ 55, 65, 250

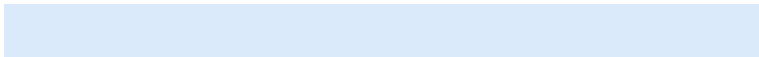
■ 30, 41, 250

■ 5, 17, 250

Harmonies

Analogous

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



219, 234, 251



230, 231, 250



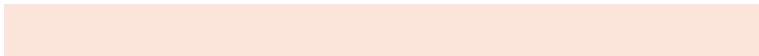
241, 228, 245

Triad

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



230, 231, 250



251, 228, 218



214, 238, 228

Complementary

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



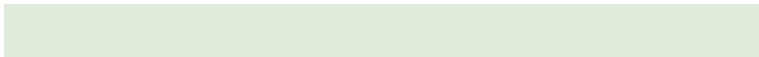
230, 231, 250



250, 249, 230

Split Complementary

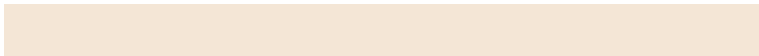
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223, 236, 220



230, 231, 250



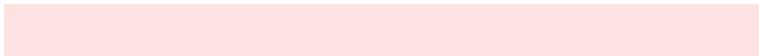
244, 230, 214

Square

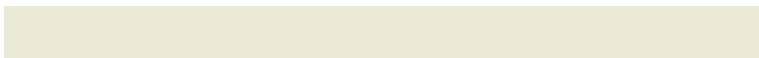
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230, 231, 250



253, 226, 226



234, 234, 214



209, 238, 238

Rectangle

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



230, 231, 250



247, 227, 239



234, 234, 214



216, 237, 225

Sweetspot

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



230, 231, 250



250, 250, 255



230, 250, 249



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 231, 250



230, 231, 255



239, 230, 250



112, 113, 125



0, 9, 189



0, 3, 61

Inverse Universe

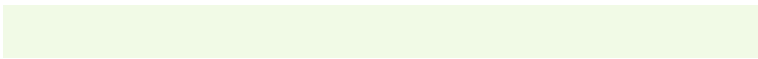
The Inverse Universe completely reimagines the original color for something new.



250, 230, 231



255, 230, 231



241, 250, 230



125, 112, 113



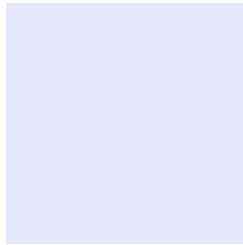
189, 0, 9



61, 0, 3

Previews

White Background



This preview shows how the RGB color 230, 231, 250 looks on a white background.

Color Contrast Check

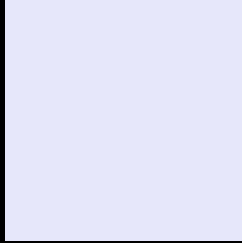
Large Text (above 18pt) WCAG AA × Fail

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 230, 231, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

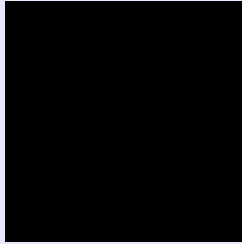
Any Text WCAG AA ✓ Pass

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 230, 231, 250 Background



This preview shows how black text looks on a background with the RGB color 230, 231, 250.

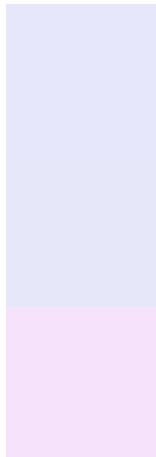


This preview shows how white text looks on a background with the RGB color 230, 231, 250.

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
230, 231, 250

Protanopia
231, 231, 250

Deuteranopia
246, 226, 251



Tritanopia

230, 231, 249

Trichromacy



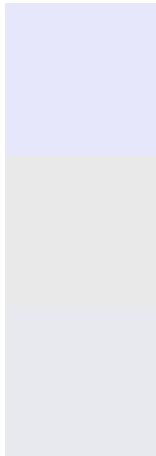
Original Color
230, 231, 250

Protanomaly
231, 231, 250

Deuteranomaly
240, 228, 251

Tritanomaly
230, 231, 249

Monochromacy



Original Color
230, 231, 250

Achromatopsia
233, 233, 233

Achromatomaly
232, 232, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 231, 250 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(230, 231, 250)` looks like.

```
.text, #text, p{  
    color:rgb(230, 231, 250)  
}
```

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(230, 231, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 231, 250) }
```

Border

The CSS property to change the border of an element to RGB 230, 231, 250 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(230, 231, 250) }
```

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

```
.border{ border-color:rgb(230, 231, 250) }
```

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

Here you see how a box with a 4 pixel rgb(230, 231, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 231, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 231, 250);  
box-shadow:4px 4px 4px 4px rgb(230, 231,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 230, 231, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 231, 250) }
```

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

```
.background{ background-color: rgb(230,  
231, 250) }
```

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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