

Converting Colors

RGB(230, 227, 244)

Have a look what the booklet for
RGB(230, 227, 244) contains.

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Color

RGB(230, 227, 244)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E6E3F4 |
| RGB | 230, 227, 244 |
| RGB Percent | 90%, 89%, 96% |
| CMY | 0.0980, 0.1098, 0.0431 |
| CMYK | 0.06, 0.07, 0.00, 0.04 |
| HSL | 251°, 44%, 92% |
| HSV | 251°, 7%, 96% |
| XYZ | 76.4313, 78.2928, 96.6716 |
| YIQ | 229.8350, -3.6690, 5.9230 |

Conversions

Conversions Part 2

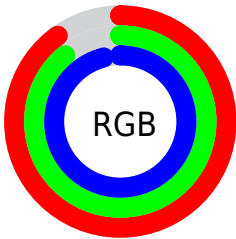
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 230, 227, 244 |
| Decimal | 15131636 |
| CIE _{Lab} | 90.91, 4.13, -7.89 |
| CIE _{LCh} | 91, 8.905, 297.598 |
| Yxy | 78.2928, 0.3040, 0.3114 |
| Android (android.graphics.Color) | 4293321716 (0xFFE6E3F4) |
| YUV | 229.8350, 6.9833, 0.1447 |
| Hunter-Lab | 88.4832, -0.6583, -2.8385 |

Details

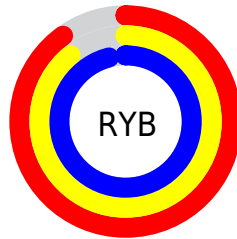
The RGB color **230, 227, 244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **241, 244, 227**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 172, 188** is the 20% darker color. If you saturate the color by 10%, you get **210, 203, 244**, and if you desaturate by 10%, it is **250, 251, 244**.

Distribution



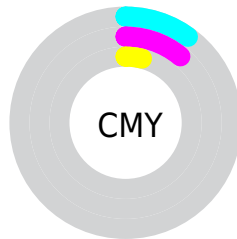
- Red (90%)
- Green (89%)
- Blue (96%)



- Red (90%)
- Yellow (89%)
- Blue (96%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (10%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 227, 244 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, 227, 244 by changing the saturation by 10% instead.

■ 230, 227, 244

255, 255, 255

■ 230, 227, 244

■ 202, 199, 216

■ 174, 172, 188

■ 148, 145, 161

■ 122, 120, 135

■ 97, 95, 109

■ 73, 71, 85

■ 51, 49, 62

■ 30, 28, 40


■ 5, 1, 20

 230, 227, 244


 230, 227, 244


 210, 203, 244


 250, 251, 244

 190, 178, 244

 255, 255, 244

 170, 154, 244

 150, 129, 244

 130, 105, 244

 109, 81, 244

 89, 56, 244

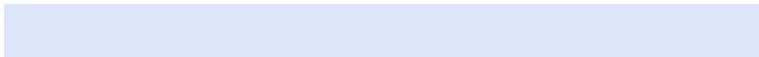
 69, 32, 244

 49, 7, 244

Harmonies

Analogous

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



220, 230, 246



230, 227, 244



240, 225, 238

Triad

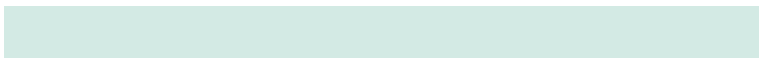
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 227, 244



244, 225, 215



211, 234, 228

Complementary

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



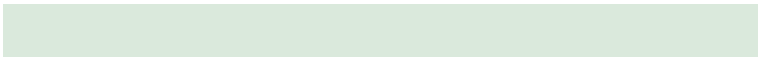
230, 227, 244



241, 244, 227

Split Complementary

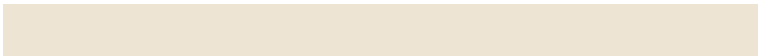
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218, 233, 220



230, 227, 244



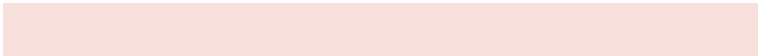
237, 228, 212

Square

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



230, 227, 244



248, 224, 221



227, 231, 214



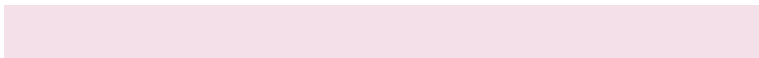
208, 234, 236

Rectangle

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



230, 227, 244



244, 224, 233



227, 231, 214



213, 234, 225

Sweetspot

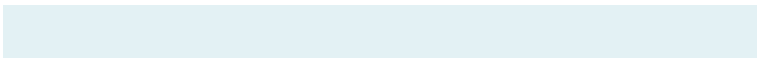
The Sweet Spot groups the original color and five complimentary colors.



230, 227, 244



251, 250, 255



227, 241, 244



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 227, 244



238, 235, 255



238, 227, 244



112, 110, 122



33, 0, 186



10, 0, 59

Inverse Universe

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



244, 227, 241



255, 235, 251



233, 244, 227



122, 110, 120



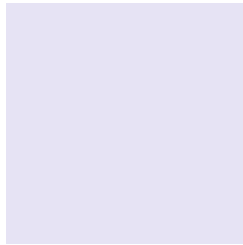
186, 0, 153



59, 0, 48

Previews

White Background



This preview shows how the RGB color 230, 227, 244 looks on a white background.

Color Contrast Check

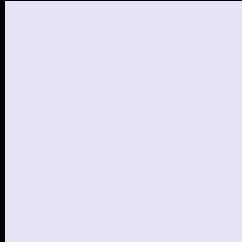
Large Text (above 18pt) WCAG AA × Fail

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, 227, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

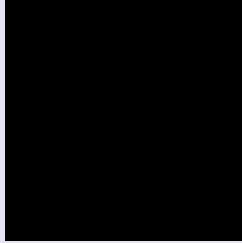
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

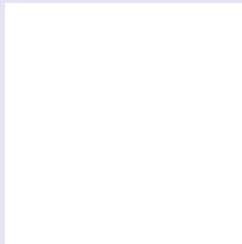
Any Text WCAG AAA ✓ Pass

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

RGB 230, 227, 244 Background



This preview shows how black text looks on a background with the RGB color 230, 227, 244.

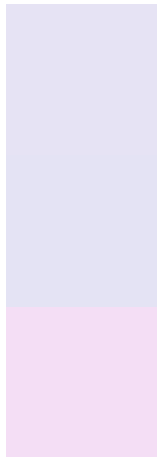


This preview shows how white text looks on a background with the RGB color 230, 227, 244.

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, 227, 244

Protanopia
228, 227, 244

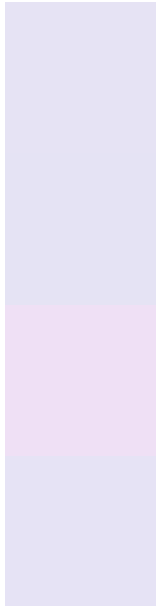
Deuteranopia
244, 222, 245



Tritanopia

230, 227, 245

Trichromacy



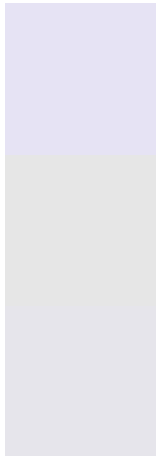
Original Color
230, 227, 244

Protanomaly
229, 227, 244

Deuteranomaly
239, 224, 245

Tritanomaly
230, 227, 245

Monochromacy



Original Color
230, 227, 244

Achromatopsia
230, 230, 230

Achromatomaly
230, 229, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 227, 244 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, 227, 244)` looks like.

```
.text, #text, p{  
    color:rgb(230, 227, 244)  
}
```

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, 227, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 227, 244) }
```

Border

The CSS property to change the border of an element to RGB 230, 227, 244 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, 227, 244) }
```

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

```
.border{ border-color:rgb(230, 227, 244) }
```

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

Here you see how a box with a 4 pixel rgb(230, 227, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 227, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 227, 244);  
box-shadow:4px 4px 4px 4px rgb(230, 227,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 230, 227, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 227, 244) }
```

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

```
.background{ background-color: rgb(230,  
227, 244) }
```

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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