

Converting Colors

RGB(228, 227, 250)

Have a look what the booklet for
RGB(228, 227, 250) contains.

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Color

RGB(228, 227, 250)

Conversions

Conversions Part 1

Format	Color
Hex	E4E3FA
RGB	228, 227, 250
RGB Percent	89%, 89%, 98%
CMY	0.1059, 0.1098, 0.0196
CMYK	0.09, 0.09, 0.00, 0.02
HSL	243°, 70%, 94%
HSV	243°, 9%, 98%
XYZ	76.7193, 78.3343, 101.5190
YIQ	229.9210, -6.7870, 7.3650

Conversions

Conversions Part 2

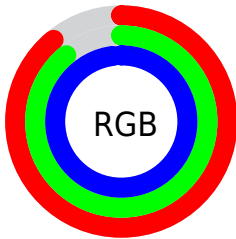
Format	Color
R_{YB}	228, 227, 250
Decimal	15000570
CIE Lab	90.93, 4.63, -11.02
CIE LCh	91, 11.952, 292.778
Yxy	78.3343, 0.2990, 0.3053
Android (android.graphics.Color)	4293190650 (0xFFE4E3FA)
YUV	229.9210, 9.8989, -1.6847
Hunter-Lab	88.5067, -0.1593, -6.0522

Details

The RGB color `228, 227, 250` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `249, 250, 227`, and the grayscale version is `230, 230, 230`.

A 20% lighter version of the original color is `255, 255, 255`, and `173, 172, 194` is the 20% darker color. If you saturate the color by 10%, you get `204, 202, 250`, and if you desaturate by 10%, it is `252, 252, 250`.

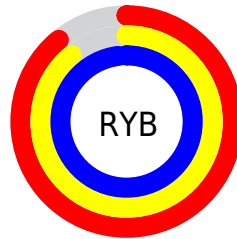
Distribution



Red (89%)

Green (89%)

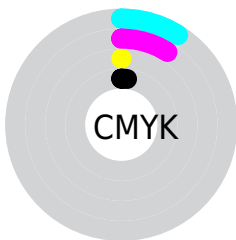
Blue (98%)



Red (89%)

Yellow (89%)

Blue (98%)

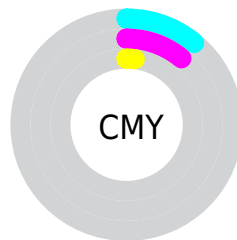


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (2%)



Cyan (11%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 227, 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 228, 227, 250 by changing the saturation by 10% instead.

■ 228, 227, 250

255, 255, 255

■ 228, 227, 250

■ 200, 199, 221

■ 173, 172, 194

■ 146, 145, 166

■ 120, 120, 140

■ 95, 95, 114

■ 71, 71, 90

■ 49, 49, 66

■ 27, 28, 44


■ 3, 1, 24

 228, 227, 250

 228, 227, 250


 204, 202, 250


 252, 252, 250

 180, 177, 250


 255, 255, 250

 156, 152, 250


 132, 127, 250

 108, 102, 250

 85, 77, 250

 61, 52, 250

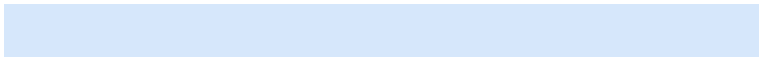
 37, 27, 250

 13, 2, 250

Harmonies

Analogous

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



214, 231, 251



228, 227, 250



242, 224, 243

Triad

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



228, 227, 250



251, 224, 211



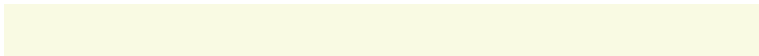
205, 236, 226

Complementary

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



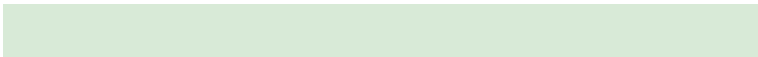
228, 227, 250



249, 250, 227

Split Complementary

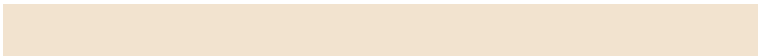
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216, 234, 215



228, 227, 250



242, 227, 207

Square

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



228, 227, 250



254, 222, 221



229, 231, 208



201, 236, 237

Rectangle

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



228, 227, 250



248, 222, 236



229, 231, 208



208, 235, 222

Sweetspot

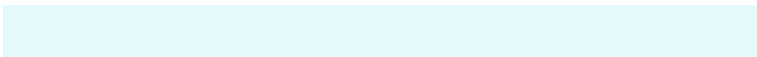
The Sweet Spot groups the original color and five complimentary colors.



228, 227, 250



248, 247, 255



227, 249, 250



123, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



228, 227, 250



228, 227, 255



239, 227, 250



113, 112, 125



8, 0, 189



3, 0, 61

Inverse Universe

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



250, 227, 249



255, 227, 254



238, 250, 227



125, 112, 124



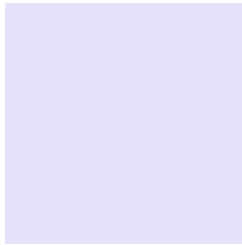
189, 0, 180



61, 0, 59

Previews

White Background



This preview shows how the RGB color 228, 227, 250 looks on a white background.

Color Contrast Check

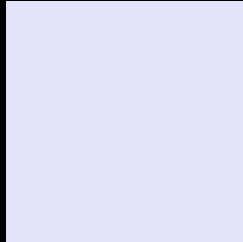
Large Text (above 18pt) WCAG AA × Fail

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 228, 227, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

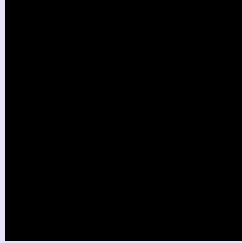
Any Text WCAG AA ✓ Pass

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 228, 227, 250 Background



This preview shows how black text looks on a background with the RGB color 228, 227, 250.



This preview shows how white text looks on a background with the RGB color 228, 227, 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
228, 227, 250

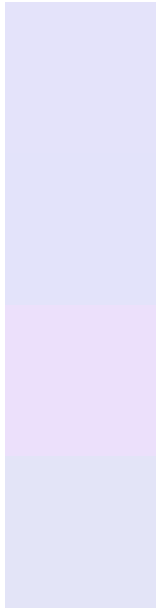
Protanopia
227, 227, 250

Deuteranopia
241, 223, 251



Tritanopia
227, 228, 246

Trichromacy



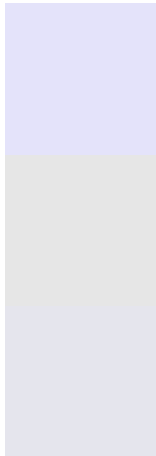
Original Color
228, 227, 250

Protanomaly
227, 227, 250

Deuteranomaly
236, 224, 251

Tritanomaly
227, 228, 247

Monochromacy



Original Color
228, 227, 250

Achromatopsia
230, 230, 230

Achromatomaly
229, 229, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 227, 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(228, 227, 250)` looks like.

```
.text, #text, p{  
    color:rgb(228, 227, 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(228, 227, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 227, 250) }
```

Border

The CSS property to change the border of an element to RGB 228, 227, 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(228, 227, 250) }
```

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

```
.border{ border-color:rgb(228, 227, 250) }
```

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

Here you see how a box with a 4 pixel rgb(228, 227, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 227, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 227, 250);  
box-shadow:4px 4px 4px 4px rgb(228, 227,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 228, 227, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 227, 250) }
```

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

```
.background{ background-color: rgb(228,  
227, 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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