

Converting Colors

RGB(229, 220, 245)

Have a look what the booklet for
RGB(229, 220, 245) contains.

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Color

RGB(229, 220, 245)

Conversions

Conversions Part 1

Format	Color
Hex	E5DCF5
RGB	229, 220, 245
RGB Percent	90%, 86%, 96%
CMY	0.1020, 0.1373, 0.0392
CMYK	0.07, 0.10, 0.00, 0.04
HSL	262°, 56%, 91%
HSV	262°, 10%, 96%
XYZ	74.3877, 74.4370, 96.8333
YIQ	225.5410, -2.6610, 9.6830

Conversions

Conversions Part 2

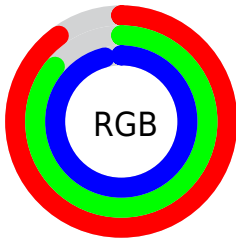
Format	Color
R _{YB}	229, 220, 245
Decimal	15064309
CIE Lab	89.13, 7.64, -11.08
CIE LCh	89, 13.453, 304.586
Yxy	74.4370, 0.3028, 0.3030
Android (android.graphics.Color)	4293254389 (0xFFE5DCF5)
YUV	225.5410, 9.5933, 3.0335
Hunter-Lab	86.2769, 2.9178, -6.1506

Details

The RGB color **229, 220, 245** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **236, 245, 220**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **173, 165, 189** is the 20% darker color. If you saturate the color by 10%, you get **213, 196, 245**, and if you desaturate by 10%, it is **245, 245, 245**.

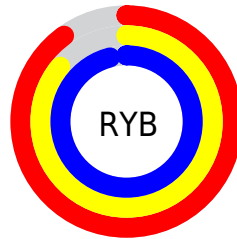
Distribution



Red (90%)

Green (86%)

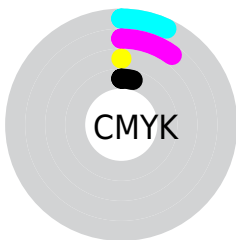
Blue (96%)



Red (90%)

Yellow (86%)

Blue (96%)

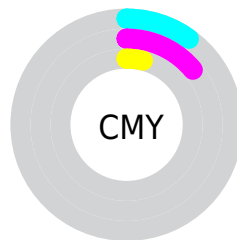


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (14%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 220, 245 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 229, 220, 245 by changing the saturation by 10% instead.

■ 229, 220, 245

255, 255, 255

■ 229, 220, 245

■ 201, 192, 217

■ 173, 165, 189

■ 147, 139, 162

■ 121, 113, 135

■ 96, 89, 110

■ 72, 65, 86


■ 50, 43, 63

■ 28, 23, 41

■ 0, 0, 20

 229, 220, 245


 229, 220, 245


 213, 196, 245


 245, 245, 245


 198, 171, 245

 255, 255, 245


 182, 147, 245


 166, 122, 245

 151, 98, 245

 135, 73, 245

 119, 49, 245

 104, 24, 245

 88, 0, 245

Harmonies

Analogous

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



213, 224, 249



229, 220, 245



243, 217, 235

Triad

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



229, 220, 245



245, 219, 201



194, 232, 225

Complementary

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



229, 220, 245



236, 245, 220

Split Complementary

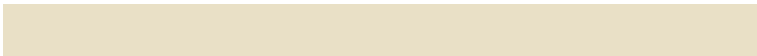
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



204, 230, 212



229, 220, 245



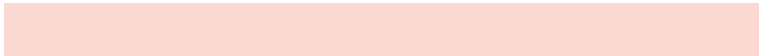
233, 224, 198

Square

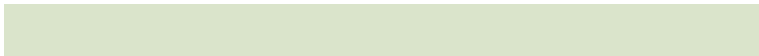
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229, 220, 245



251, 216, 210



218, 228, 203



192, 231, 238

Rectangle

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



229, 220, 245



249, 215, 227



218, 228, 203



197, 231, 221

Sweetspot

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



229, 220, 245



250, 247, 255



220, 236, 245



124, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



229, 220, 245



235, 224, 255



241, 220, 245



115, 110, 122



67, 0, 186



21, 0, 59

Inverse Universe

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



245, 220, 236



255, 224, 244



224, 245, 220



122, 110, 118



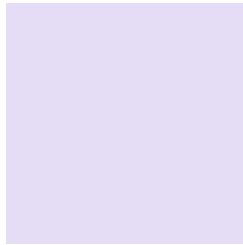
186, 0, 119



59, 0, 38

Previews

White Background



This preview shows how the RGB color 229, 220, 245 looks on a white background.

Color Contrast Check

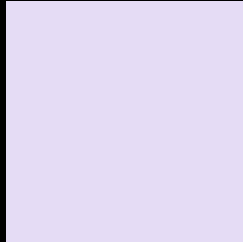
Large Text (above 18pt) WCAG AA × Fail

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 229, 220, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

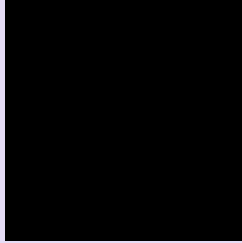
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

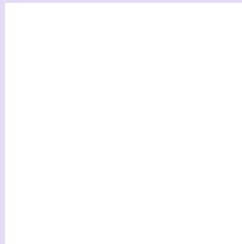
Any Text WCAG AAA ✓ Pass

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

RGB 229, 220, 245 Background



This preview shows how black text looks on a background with the RGB color 229, 220, 245.



This preview shows how white text looks on a background with the RGB color 229, 220, 245.

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
229, 220, 245

Protanopia
221, 222, 246

Deuteranopia
236, 218, 245



Tritanopia
228, 221, 239

Trichromacy



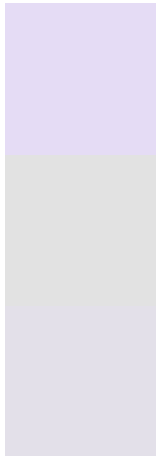
Original Color
229, 220, 245

Protanomaly
224, 221, 246

Deuteranomaly
233, 219, 245

Tritanomaly
228, 221, 241

Monochromacy



Original Color
229, 220, 245

Achromatopsia
226, 226, 226

Achromatomaly
227, 224, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 220, 245 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(229, 220, 245)` looks like.

```
.text, #text, p{  
    color:rgb(229, 220, 245)  
}
```

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(229, 220, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 220, 245) }
```

Border

The CSS property to change the border of an element to RGB 229, 220, 245 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(229, 220, 245) }
```

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

```
.border{ border-color:rgb(229, 220, 245) }
```

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

Here you see how a box with a 4 pixel rgb(229, 220, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 220, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 220, 245);  
box-shadow:4px 4px 4px 4px rgb(229, 220,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 229, 220, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 220, 245) }
```

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

```
.background{ background-color: rgb(229,  
220, 245) }
```

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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