

Converting Colors

RGB(229, 216, 230)

Have a look what the booklet for
RGB(229, 216, 230) contains.

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Color

RGB(229, 216, 230)

Conversions

Conversions Part 1

Format	Color
Hex	E5D8E6
RGB	229, 216, 230
RGB Percent	90%, 85%, 90%
CMY	0.1020, 0.1529, 0.0980
CMYK	0.00, 0.06, 0.00, 0.10
HSL	296°, 22%, 87%
HSV	296°, 6%, 90%
XYZ	71.1519, 71.4829, 84.9104
YIQ	221.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

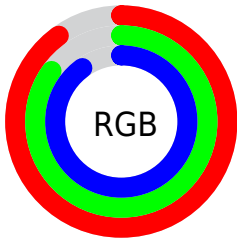
Format	Color
R _Y B	229, 216, 230
Decimal	15063270
CIE Lab	87.72, 6.93, -5.26
CIE LCh	88, 8.704, 322.786
Yxy	71.4829, 0.3127, 0.3141
Android (android.graphics.Color)	4293253350 (0xFFE5D8E6)
YUV	221.4830, 4.1989, 6.5924
Hunter-Lab	84.5476, 2.2603, -0.3611

Details

The RGB color **229, 216, 230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 230, 216**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 161, 175** is the 20% darker color. If you saturate the color by 10%, you get **227, 193, 230**, and if you desaturate by 10%, it is **231, 239, 230**.

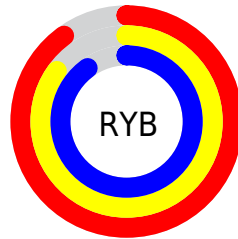
Distribution



Red (90%)

Green (85%)

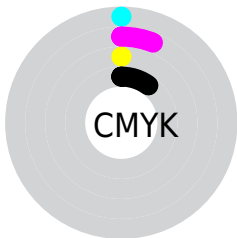
Blue (90%)



Red (90%)

Yellow (85%)

Blue (90%)

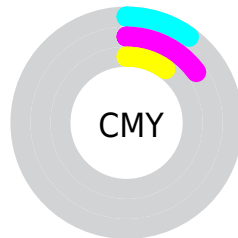


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (15%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 216, 230 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, 216, 230 by changing the saturation by 10% instead.

■ 229, 216, 230

255, 255, 255

■ 229, 216, 230

■ 201, 188, 202

■ 174, 161, 175

■ 147, 135, 148

■ 121, 110, 122

■ 96, 85, 97

■ 73, 62, 74


■ 50, 40, 51

■ 29, 20, 30

■ 0, 0, 3

 229, 216, 230


 229, 216, 230

 227, 193, 230


 231, 239, 230

 226, 170, 230


 232, 255, 230

 224, 147, 230

 234, 255, 230

 222, 124, 230


 236, 255, 230

 221, 101, 230

 237, 255, 230

 219, 78, 230


 239, 255, 230

 218, 55, 230

 240, 255, 230

 216, 32, 230

 242, 255, 230

 214, 9, 230

 244, 255, 230

Harmonies

Analogous

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



219, 218, 235



229, 216, 230



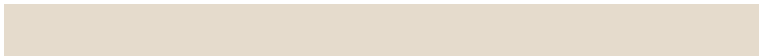
236, 215, 222

Triad

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



229, 216, 230



229, 219, 204



200, 225, 226

Complementary

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



229, 216, 230



217, 230, 216

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.



203, 225, 218



229, 216, 230



220, 221, 205

Square

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



229, 216, 230



236, 216, 207



210, 224, 210



202, 224, 233

Rectangle

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



229, 216, 230



238, 214, 217



210, 224, 210



200, 225, 223

Sweetspot

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



229, 216, 230



255, 250, 255



216, 217, 230



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



229, 216, 230



254, 237, 255



230, 216, 224



114, 106, 115



166, 0, 179



47, 0, 51

Inverse Universe

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



230, 216, 217



255, 237, 238



216, 230, 222



115, 106, 106



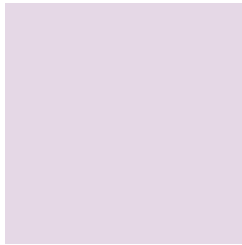
179, 0, 13



51, 0, 4

Previews

White Background



This preview shows how the RGB color 229, 216, 230 looks on a white background.

Color Contrast Check

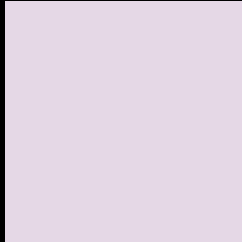
Large Text (above 18pt) WCAG AA × Fail

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, 216, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

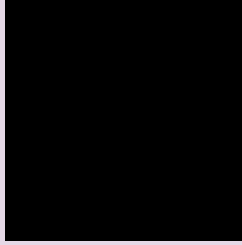
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

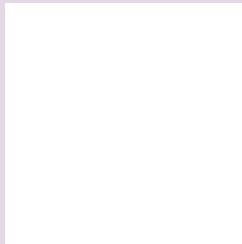
Any Text WCAG AAA ✓ Pass

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

RGB 229, 216, 230 Background



This preview shows how black text looks on a background with the RGB color 229, 216, 230.

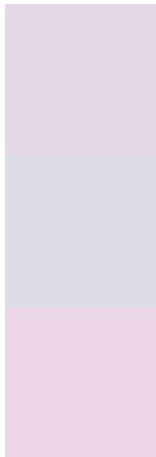


This preview shows how white text looks on a background with the RGB color 229, 216, 230.

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, 216, 230

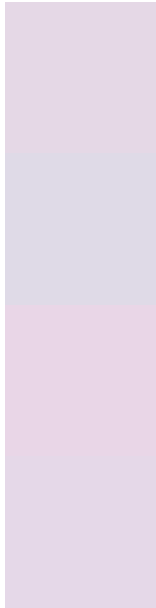
Protanopia
220, 219, 232

Deuteranopia
236, 213, 231



Tritanopia
229, 216, 233

Trichromacy



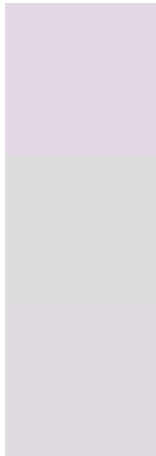
Original Color
229, 216, 230

Protanomaly
223, 218, 231

Deuteranomaly
233, 214, 231

Tritanomaly
229, 216, 232

Monochromacy



Original Color
229, 216, 230

Achromatopsia
221, 221, 221

Achromatomaly
224, 219, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 216, 230 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, 216, 230) looks like.

```
.text, #text, p{  
    color:rgb(229, 216, 230)  
}
```

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, 216, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 216, 230) }
```

Border

The CSS property to change the border of an element to RGB 229, 216, 230 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, 216, 230) }
```

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

```
.border{ border-color:rgb(229, 216, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 216, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 216, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 216, 230);  
box-shadow:4px 4px 4px 4px rgb(229, 216,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 229, 216, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 216, 230) }
```

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

```
.background{ background-color: rgb(229,  
216, 230) }
```

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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