

Converting Colors

RGB(229, 213, 239)

Have a look what the booklet for
RGB(229, 213, 239) contains.

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Color

RGB(229, 213, 239)

Conversions

Conversions Part 1

Format	Color
Hex	E5D5EF
RGB	229, 213, 239
RGB Percent	90%, 84%, 94%
CMY	0.1020, 0.1647, 0.0627
CMYK	0.04, 0.11, 0.00, 0.06
HSL	277°, 45%, 89%
HSV	277°, 11%, 94%
XYZ	71.6873, 70.4785, 91.4867
YIQ	220.7480, 1.1900, 11.4780

Conversions

Conversions Part 2

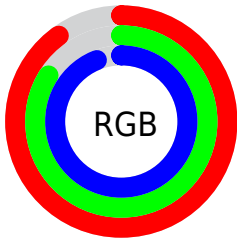
Format	Color
R _Y B	229, 213, 239
Decimal	15062511
CIE Lab	87.23, 10.17, -10.74
CIE LCh	87, 14.792, 313.441
Yxy	70.4785, 0.3068, 0.3016
Android (android.graphics.Color)	4293252591 (0xFFE5D5EF)
YUV	220.7480, 8.9982, 7.2370
Hunter-Lab	83.9515, 5.5085, -5.8457

Details

The RGB color **229, 213, 239** is a light color, and the websafe version is hex **C4C4FF**. A complement of this color would be **223, 239, 213**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **173, 158, 183** is the 20% darker color. If you saturate the color by 10%, you get **220, 189, 239**, and if you desaturate by 10%, it is **238, 237, 239**.

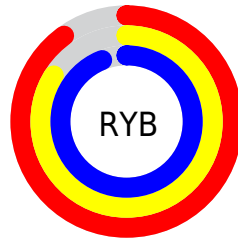
Distribution



Red (90%)

Green (84%)

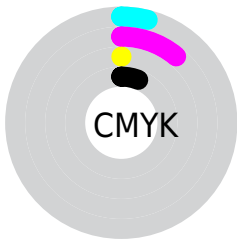
Blue (94%)



Red (90%)

Yellow (84%)

Blue (94%)

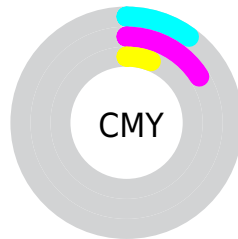


Cyan (4%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (10%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 213, 239 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, 213, 239 by changing the saturation by 10% instead.

■ 229, 213, 239

255, 255, 255

■ 229, 213, 239

■ 201, 185, 211

■ 173, 158, 183

■ 147, 132, 156

■ 121, 107, 130

■ 96, 83, 105

■ 72, 60, 81


■ 50, 38, 58

■ 28, 18, 36


■ 0, 1, 14

 229, 213, 239


 229, 213, 239

 220, 189, 239


 238, 237, 239

 211, 165, 239


 247, 255, 239

 201, 141, 239


 255, 255, 239

 192, 117, 239

 183, 94, 239

 174, 70, 239

 165, 46, 239

 155, 22, 239

 147, 0, 239

Harmonies

Analogous

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



212, 218, 246



229, 213, 239



242, 210, 227

Triad

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



229, 213, 239



238, 215, 192



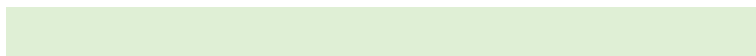
184, 227, 224

Complementary

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



229, 213, 239



223, 239, 213

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.



193, 226, 210



229, 213, 239



223, 220, 191

Square

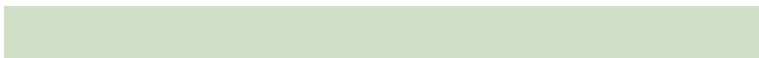
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229, 213, 239



247, 211, 200



207, 224, 198



184, 225, 237

Rectangle

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



229, 213, 239



247, 209, 217



207, 224, 198



186, 227, 220

Sweetspot

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



229, 213, 239



252, 247, 255



213, 223, 239



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



229, 213, 239



242, 222, 255



239, 213, 236



115, 108, 120



113, 0, 184



35, 0, 56

Inverse Universe

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



239, 213, 223



255, 222, 235



213, 239, 216



120, 108, 112



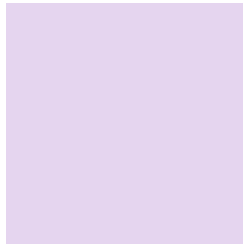
184, 0, 71



56, 0, 22

Previews

White Background



This preview shows how the RGB color 229, 213, 239 looks on a white background.

Color Contrast Check

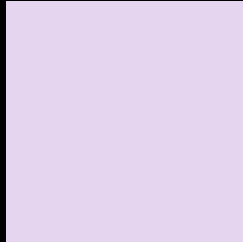
Large Text (above 18pt) WCAG AA × Fail

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, 213, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

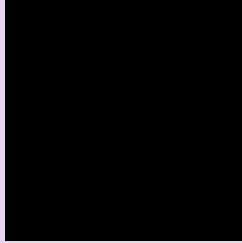
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

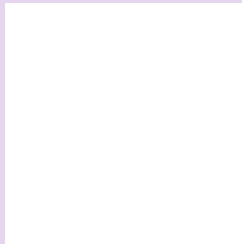
Any Text WCAG AAA ✓ Pass

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

RGB 229, 213, 239 Background



This preview shows how black text looks on a background with the RGB color 229, 213, 239.

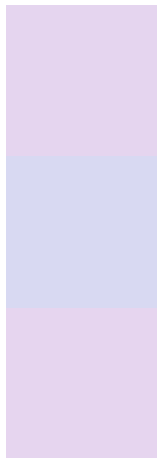


This preview shows how white text looks on a background with the RGB color 229, 213, 239.

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, 213, 239

Protanopia
216, 217, 242

Deuteranopia
230, 213, 239



Tritanopia
228, 214, 231

Trichromacy



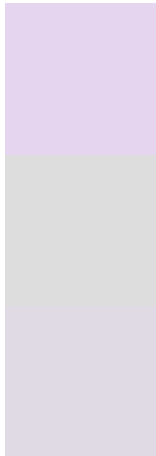
Original Color
229, 213, 239

Protanomaly
221, 216, 241

Deuteranomaly
230, 213, 239

Tritanomaly
228, 214, 234

Monochromacy



Original Color
229, 213, 239

Achromatopsia
221, 221, 221

Achromatomaly
224, 218, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 213, 239 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, 213, 239)` looks like.

```
.text, #text, p{  
    color:rgb(229, 213, 239)  
}
```

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, 213, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 213, 239) }
```

Border

The CSS property to change the border of an element to RGB 229, 213, 239 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, 213, 239) }
```

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

```
.border{ border-color:rgb(229, 213, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 213, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 213, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 213, 239); box-shadow:4px 4px 4px 4px rgb(229, 213, 239) }
```

Background

The CSS property to change the background color of an element to RGB 229, 213, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 213, 239) }
```

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

```
.background{ background-color: rgb(229,  
213, 239) }
```

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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