

Converting Colors

RGB(230, 209, 238)

Have a look what the booklet for
RGB(230, 209, 238) contains.

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Color

RGB(230, 209, 238)

Conversions

Conversions Part 1

Format	Color
Hex	E6D1EE
RGB	230, 209, 238
RGB Percent	90%, 82%, 93%
CMY	0.0980, 0.1804, 0.0667
CMYK	0.03, 0.12, 0.00, 0.07
HSL	283°, 46%, 88%
HSV	283°, 12%, 93%
XYZ	70.8662, 68.5970, 90.3944
YIQ	218.5850, 3.2070, 13.4710

Conversions

Conversions Part 2

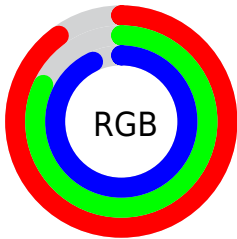
Format	Color
R _Y B	230, 209, 238
Decimal	15127022
CIE _{Lab}	86.30, 12.42, -11.58
CIE _{LCh}	86, 16.986, 316.999
Y _{xy}	68.5970, 0.3083, 0.2984
Android (android.graphics.Color)	4293317102 (0xFFE6D1EE)
YUV	218.5850, 9.5716, 10.0110
Hunter-Lab	82.8233, 7.7895, -6.7336

Details

The RGB color **230, 209, 238** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **217, 238, 209**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **174, 155, 182** is the 20% darker color. If you saturate the color by 10%, you get **223, 185, 238**, and if you desaturate by 10%, it is **237, 233, 238**.

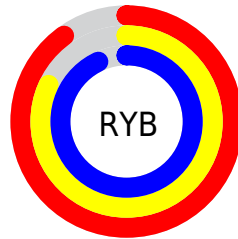
Distribution



Red (90%)

Green (82%)

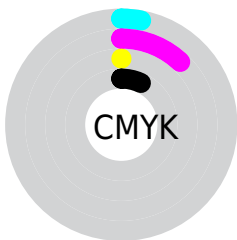
Blue (93%)



Red (90%)

Yellow (82%)

Blue (93%)

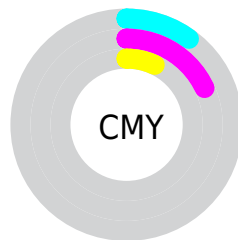


Cyan (3%)

Magenta (12%)

Yellow (0%)

Black (7%)



Cyan (10%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 209, 238 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, 209, 238 by changing the saturation by 10% instead.

■ 230, 209, 238

255, 255, 255

■ 230, 209, 238

■ 202, 181, 210

■ 174, 155, 182

■ 148, 129, 155

■ 122, 103, 129

■ 97, 79, 104

■ 73, 56, 80

■ 50, 35, 57

■ 29, 14, 35

■ 0, 0, 13

230, 209, 238

230, 209, 238

223, 185, 238

237, 233, 238

217, 161, 238

243, 255, 238

210, 138, 238

250, 255, 238

204, 114, 238

255, 255, 238

197, 90, 238

191, 66, 238

184, 42, 238

177, 19, 238

172, 0, 238

Harmonies

Analogous

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



210, 214, 247



230, 209, 238



244, 206, 224

Triad

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



230, 209, 238



236, 212, 185



175, 225, 225

Complementary

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



230, 209, 238



217, 238, 209

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.



184, 225, 208



230, 209, 238



219, 218, 185

Square

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



230, 209, 238



247, 208, 193



201, 222, 194



177, 223, 239

Rectangle

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



230, 209, 238



249, 205, 213



201, 222, 194



177, 226, 219

Sweetspot

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



230, 209, 238



252, 245, 255



209, 217, 238



126, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



230, 209, 238



244, 217, 255



238, 209, 232



117, 108, 120



133, 0, 184



41, 0, 56

Inverse Universe

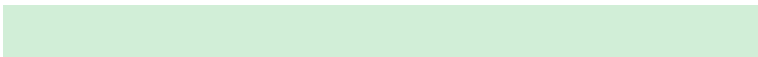
The Inverse Universe completely reimagines the original color for something new.



238, 209, 217



255, 217, 227



209, 238, 215



120, 108, 111



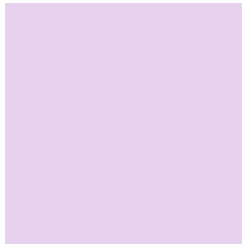
184, 0, 51



56, 0, 15

Previews

White Background



This preview shows how the RGB color 230, 209, 238 looks on a white background.

Color Contrast Check

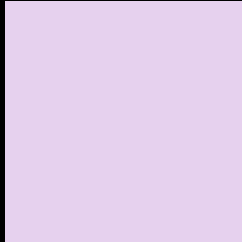
Large Text (above 18pt) WCAG AA × Fail

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, 209, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

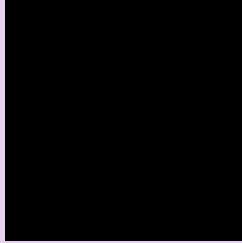
Any Text WCAG AA ✓ Pass

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, 209, 238 Background



This preview shows how black text looks on a background with the RGB color 230, 209, 238.



This preview shows how white text looks on a background with the RGB color 230, 209, 238.

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, 209, 238

Protanopia
212, 214, 241

Deuteranopia
227, 210, 238



Tritanopia
228, 211, 227

Trichromacy



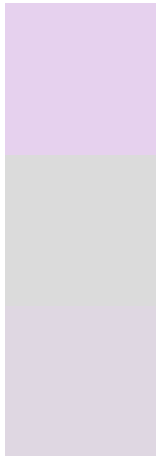
Original Color
230, 209, 238

Protanomaly
219, 212, 240

Deuteranomaly
228, 210, 238

Tritanomaly
229, 210, 231

Monochromacy



Original Color
230, 209, 238

Achromatopsia
219, 219, 219

Achromatomaly
223, 215, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 209, 238 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, 209, 238) looks like.

```
.text, #text, p{  
    color:rgb(230, 209, 238)  
}
```

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, 209, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 209, 238) }
```

Border

The CSS property to change the border of an element to RGB 230, 209, 238 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, 209, 238) }
```

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

```
.border{ border-color:rgb(230, 209, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 209, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 209, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 209, 238);  
box-shadow:4px 4px 4px 4px rgb(230, 209,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 230, 209, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 209, 238) }
```

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

```
.background{ background-color: rgb(230,  
209, 238) }
```

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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