

Converting Colors

RGB(230, 193, 229)

Have a look what the booklet for
RGB(230, 193, 229) contains.

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Color

RGB(230, 193, 229)

Conversions

Conversions Part 1

Format	Color
Hex	E6C1E5
RGB	230, 193, 229
RGB Percent	90%, 76%, 90%
CMY	0.0980, 0.2431, 0.1020
CMYK	0.00, 0.16, 0.00, 0.10
HSL	302°, 43%, 83%
HSV	302°, 16%, 90%
XYZ	65.8459, 60.6201, 82.3591
YIQ	208.1670, 10.4960, 19.0400

Conversions

Conversions Part 2

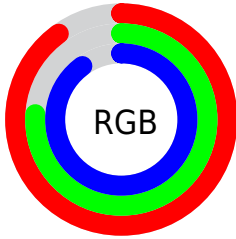
Format	Color
R _Y B	230, 193, 229
Decimal	15122917
CIE _{Lab}	82.17, 19.25, -12.96
CIE _{LCh}	82, 23.211, 326.052
Yxy	60.6201, 0.3153, 0.2903
Android (android.graphics.Color)	4293312997 (0xFFE6C1E5)
YUV	208.1670, 10.2707, 19.1475
Hunter-Lab	77.8589, 14.7060, -8.2157

Details

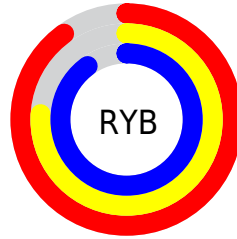
The RGB color **230, 193, 229** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **193, 230, 194**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 250, 255, and **174, 139, 174** is the 20% darker color. If you saturate the color by 10%, you get **230, 170, 228**, and if you desaturate by 10%, it is **230, 216, 230**.

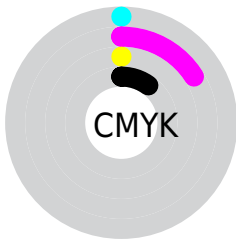
Distribution



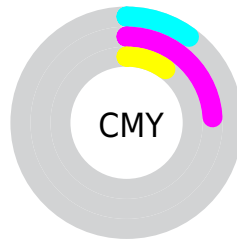
- Red (90%)
- Green (76%)
- Blue (90%)



- Red (90%)
- Yellow (76%)
- Blue (90%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (10%)





- Cyan (10%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RGB color 230, 193, 229 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, 193, 229 by changing the saturation by 10% instead.

 230, 193, 229

 230, 193, 229


255, 255, 255

 202, 166, 201

 255, 250, 255

 174, 139, 174

 147, 114, 147

 121, 89, 121

 96, 65, 96


 72, 43, 72


 49, 21, 50

 30, 0, 29


 0, 0, 0

 230, 193, 229


 230, 193, 229

 230, 170, 228


 230, 216, 230


 230, 147, 228


 230, 239, 230

 230, 124, 227


 230, 255, 231

 230, 101, 227


 230, 255, 231

 230, 78, 226

 230, 255, 232

 230, 55, 225

 230, 255, 233

 230, 32, 225

 230, 255, 233

 230, 9, 224

 230, 255, 234

 230, 0, 224

 230, 255, 235

Harmonies

Analogous

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



205, 200, 243



230, 193, 229



246, 189, 208

Triad

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



230, 193, 229



224, 202, 161



144, 216, 223

Complementary

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



230, 193, 229



193, 230, 194

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.



154, 217, 201



230, 193, 229



201, 209, 165

Square

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



230, 193, 229



241, 195, 169



176, 214, 180



152, 213, 240

Rectangle

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



230, 193, 229



250, 189, 193



176, 214, 180



146, 217, 216

Sweetspot

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



230, 193, 229



255, 242, 255



194, 193, 230



128, 120, 127



0, 0, 0



128, 128, 128

Same Dimension

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



230, 193, 229



255, 207, 254



230, 193, 211



115, 103, 114



179, 0, 174



51, 0, 50

Inverse Universe

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



230, 193, 229



255, 207, 254



193, 230, 212



115, 103, 114



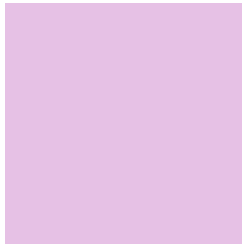
179, 0, 174



51, 0, 50

Previews

White Background



This preview shows how the RGB color 230, 193, 229 looks on a white background.

Color Contrast Check

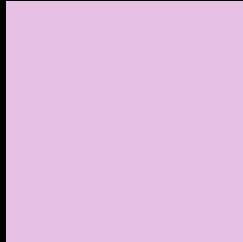
Large Text (above 18pt) WCAG AA × Fail

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, 193, 229 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, 193, 229 Background



This preview shows how black text looks on a background with the RGB color 230, 193, 229.



This preview shows how white text looks on a background with the RGB color 230, 193, 229.

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, 193, 229

Protanopia
199, 203, 235

Deuteranopia
214, 199, 228



Tritanopia
227, 196, 211

Trichromacy



Original Color
230, 193, 229

Protanomaly
210, 199, 233

Deuteranomaly
220, 197, 228

Tritanomaly
228, 195, 218

Monochromacy



Original Color
230, 193, 229

Achromatopsia
208, 208, 208

Achromatomaly
216, 203, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 193, 229 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, 193, 229) looks like.

```
.text, #text, p{  
    color:rgb(230, 193, 229)  
}
```

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, 193, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 193, 229) }
```

Border

The CSS property to change the border of an element to RGB 230, 193, 229 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, 193, 229) }
```

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

```
.border{ border-color:rgb(230, 193, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 193, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 193, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 193, 229);  
box-shadow:4px 4px 4px 4px rgb(230, 193,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 230, 193, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 193, 229) }
```

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

```
.background{ background-color: rgb(230,  
193, 229) }
```

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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