

Converting Colors

RGB(229, 157, 215)

Have a look what the booklet for
RGB(229, 157, 215) contains.

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Color

RGB(229, 157, 215)

Conversions

Conversions Part 1

Format	Color
Hex	E59DD7
RGB	229, 157, 215
RGB Percent	90%, 62%, 84%
CMY	0.1020, 0.3843, 0.1569
CMYK	0.00, 0.31, 0.06, 0.10
HSL	312°, 58%, 76%
HSV	312°, 31%, 90%
XYZ	56.6358, 45.6783, 70.1217
YIQ	185.1400, 24.2940, 33.3020

Conversions

Conversions Part 2

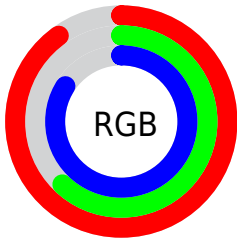
Format	Color
RYB	229, 157, 215
Decimal	15048151
CIELab	73.34, 35.68, -18.69
CIELCh	73, 40.274, 332.356
Yxy	45.6783, 0.3284, 0.2649
Android (android.graphics.Color)	4293238231 (0xFFE59DD7)
YUV	185.1400, 14.7210, 38.4652
Hunter-Lab	67.5857, 31.3054, -14.2048

Details

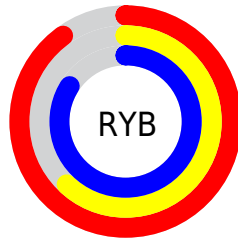
The RGB color **229, 157, 215** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **157, 229, 171**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 212, 255**, and **172, 104, 160** is the 20% darker color. If you saturate the color by 10%, you get **229, 134, 211**, and if you desaturate by 10%, it is **229, 180, 219**.

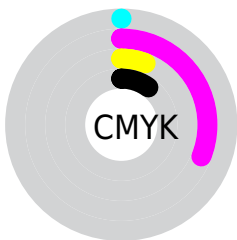
Distribution



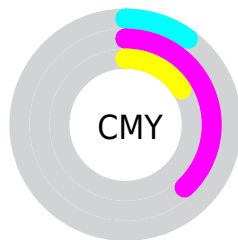
- Red (90%)
- Green (62%)
- Blue (84%)



- Red (90%)
- Yellow (62%)
- Blue (84%)



- Cyan (0%)
- Magenta (31%)
- Yellow (6%)
- Black (10%)



- Cyan (10%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 157, 215 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, 157, 215 by changing the saturation by 10% instead.


 229, 157, 215


255, 255, 255

 255, 212, 255

 255, 241, 255


 229, 157, 215

 200, 130, 187

 172, 104, 160


 145, 79, 134

 119, 55, 109

 93, 30, 84

 68, 3, 61

 45, 0, 39

 10, 0, 17

 0, 0, 0

■ 229, 157, 215

■ 229, 157, 215

■ 229, 134, 211

■ 229, 180, 219

■ 229, 111, 206

■ 229, 203, 224

■ 229, 88, 202

■ 229, 226, 228

■ 229, 65, 197

■ 229, 249, 233

■ 229, 43, 193

■ 229, 255, 237

■ 229, 20, 188

■ 229, 255, 242

■ 229, 0, 184

■ 229, 255, 246

■ 229, 255, 251

■ 229, 255, 255

Harmonies

Analogous

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



188, 169, 242



229, 157, 215



250, 151, 179

Triad

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



229, 157, 215



201, 179, 105



0, 199, 218

Complementary

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



229, 157, 215



157, 229, 171

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.



65, 200, 182



229, 157, 215



163, 190, 116

Square

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



229, 157, 215



232, 166, 116



118, 197, 145



61, 193, 245

Rectangle

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



229, 157, 215



252, 153, 154



118, 197, 145



16, 199, 207

Sweetspot

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



229, 157, 215



255, 232, 251



170, 157, 229



128, 113, 125



0, 0, 0



128, 128, 128

Same Dimension

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



229, 157, 215



255, 158, 236



229, 157, 180



115, 103, 113



179, 0, 144



51, 0, 41

Inverse Universe

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



229, 157, 215



255, 158, 236



157, 229, 206



115, 103, 113



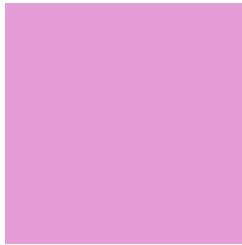
179, 0, 144



51, 0, 41

Previews

White Background



This preview shows how the RGB color 229, 157, 215 looks on a white background.

Color Contrast Check

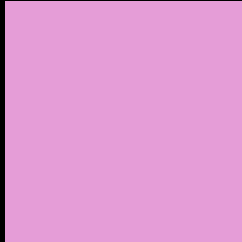
Large Text (above 18pt) WCAG AA × Fail

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, 157, 215 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, 157, 215 Background



This preview shows how black text looks on a background with the RGB color 229, 157, 215.

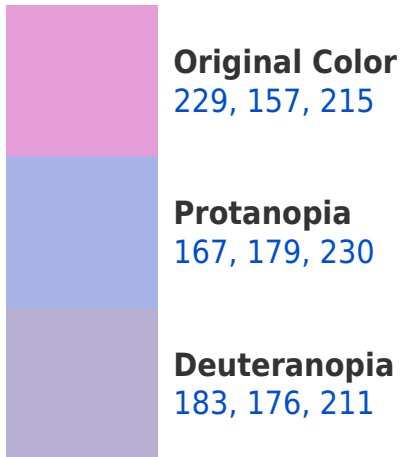


This preview shows how white text looks on a background with the RGB color 229, 157, 215.

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





Tritanopia
224, 164, 177

Trichromacy



Original Color
229, 157, 215



Protanomaly
190, 171, 225



Deuteranomaly
200, 169, 212

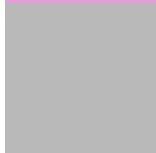


Tritanomaly
226, 161, 191

Monochromacy



Original Color
229, 157, 215



Achromatopsia
185, 185, 185



Achromatomaly
201, 175, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 157, 215 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, 157, 215)` looks like.

```
.text, #text, p{  
    color:rgb(229, 157, 215)  
}
```

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, 157, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 157, 215) }
```

Border

The CSS property to change the border of an element to RGB 229, 157, 215 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, 157, 215) }
```

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

```
.border{ border-color:rgb(229, 157, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 157, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 157, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 157, 215);  
box-shadow:4px 4px 4px 4px rgb(229, 157,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 229, 157, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 157, 215) }
```

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

```
.background{ background-color: rgb(229,  
157, 215) }
```

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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