

Converting Colors

RGB(207, 158, 227)

Have a look what the booklet for
RGB(207, 158, 227) contains.

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Color

RGB(207, 158, 227)

Conversions

Conversions Part 1

Format	Color
Hex	CF9EE3
RGB	207, 158, 227
RGB Percent	81%, 62%, 89%
CMY	0.1882, 0.3804, 0.1098
CMYK	0.09, 0.30, 0.00, 0.11
HSL	283°, 55%, 75%
HSV	283°, 30%, 89%
XYZ	51.8241, 43.2652, 78.2926
YIQ	180.5170, 7.0550, 31.8470

Conversions

Conversions Part 2

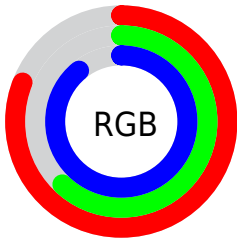
Format	Color
R _Y B	207, 158, 227
Decimal	13606627
CIE Lab	71.73, 30.31, -27.91
CIE LCh	72, 41.204, 317.360
Yxy	43.2652, 0.2989, 0.2495
Android (android.graphics.Color)	4291796707 (0xFFCF9EE3)
YUV	180.5170, 22.9161, 23.2256
Hunter-Lab	65.7763, 25.5290, -24.5287

Details

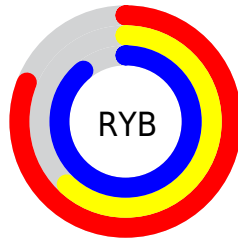
The RGB color `207, 158, 227` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `178, 227, 158`, and the grayscale version is `180, 180, 180`.

A 20% lighter version of the original color is `255, 213, 255`, and `152, 106, 171` is the 20% darker color. If you saturate the color by 10%, you get `200, 135, 227`, and if you desaturate by 10%, it is `214, 181, 227`.

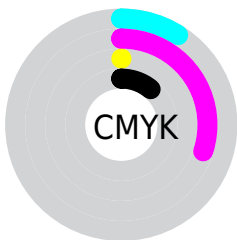
Distribution



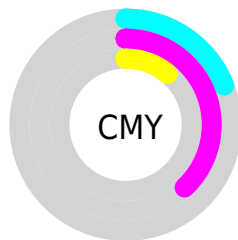
- Red (81%)
- Green (62%)
- Blue (89%)



- Red (81%)
- Yellow (62%)
- Blue (89%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)
- Black (11%)





- Cyan (19%)
- Magenta (38%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 158, 227 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 207, 158, 227 by changing the saturation by 10% instead.


 207, 158, 227

 207, 158, 227

255, 255, 255

 179, 132, 199

 255, 213, 255


 152, 106, 171

 255, 242, 255


 125, 81, 145

 100, 57, 119

 75, 34, 94

 50, 11, 70

 31, 0, 47

 0, 1, 26

 0, 0, 0

■ 207, 158, 227

■ 207, 158, 227

■ 200, 135, 227

■ 214, 181, 227

■ 194, 113, 227

■ 220, 203, 227

■ 187, 90, 227

■ 227, 226, 227

■ 181, 67, 227

■ 233, 249, 227

■ 174, 45, 227

■ 240, 255, 227

■ 168, 22, 227

■ 246, 255, 227

■ 161, 0, 227

■ 253, 255, 227

■ 255, 255, 227

Harmonies

Analogous

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



156, 172, 247



207, 158, 227



239, 148, 193

Triad

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



207, 158, 227



214, 168, 102



0, 196, 197

Complementary

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



207, 158, 227



178, 227, 158

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.



85, 195, 158



207, 158, 227



178, 180, 103

Square

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



207, 158, 227



239, 155, 122



136, 190, 123



0, 192, 230

Rectangle

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



207, 158, 227



248, 146, 168



136, 190, 123



39, 196, 184

Sweetspot

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



207, 158, 227



248, 232, 255



158, 179, 227



123, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



207, 158, 227



228, 163, 255



227, 158, 213



111, 103, 115



127, 0, 179



36, 0, 51

Inverse Universe

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



227, 158, 178



255, 163, 190



158, 227, 172



115, 103, 107



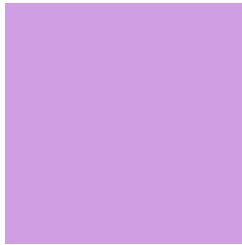
179, 0, 52



51, 0, 15

Previews

White Background



This preview shows how the RGB color 207, 158, 227 looks on a white background.

Color Contrast Check

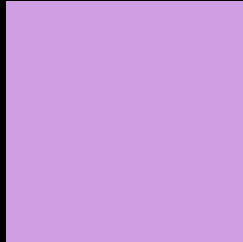
Large Text (above 18pt) WCAG AA × Fail

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 207, 158, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

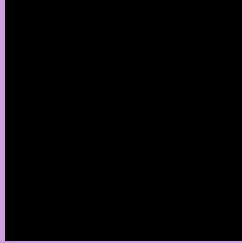
Any Text WCAG AA ✓ Pass

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 207, 158, 227 Background



This preview shows how black text looks on a background with the RGB color 207, 158, 227.

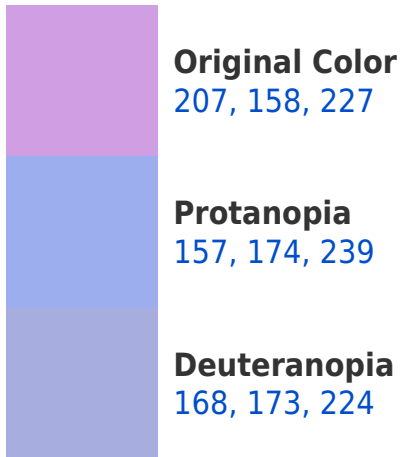



This preview shows how white text looks on a background with the RGB color 207, 158, 227.

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
200, 167, 180

Trichromacy



Original Color

207, 158, 227



Protanomaly

175, 168, 235



Deuteranomaly

182, 168, 225



Tritanomaly

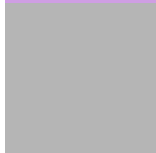
203, 164, 197

Monochromacy



Original Color

207, 158, 227



Achromatopsia

181, 181, 181



Achromatomaly

190, 173, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 158, 227 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(207, 158, 227) looks like.

```
.text, #text, p{  
    color:rgb(207, 158, 227)  
}
```

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(207, 158, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 158, 227) }
```

Border

The CSS property to change the border of an element to RGB 207, 158, 227 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(207, 158, 227) }
```

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

```
.border{ border-color:rgb(207, 158, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 158, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 158, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 158, 227);  
box-shadow:4px 4px 4px 4px rgb(207, 158,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 207, 158, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 158, 227) }
```

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

```
.background{ background-color: rgb(207,  
158, 227) }
```

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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