

Converting Colors

RGB(201, 127, 205)

Have a look what the booklet for
RGB(201, 127, 205) contains.

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Color

RGB(201, 127, 205)

Conversions

Conversions Part 1

Format	Color
Hex	C97FCD
RGB	201, 127, 205
RGB Percent	79%, 50%, 80%
CMY	0.2118, 0.5020, 0.1961
CMYK	0.02, 0.38, 0.00, 0.20
HSL	297°, 44%, 65%
HSV	297°, 38%, 80%
XYZ	42.6962, 32.0040, 61.6847
YIQ	158.0180, 19.0660, 39.9460

Conversions

Conversions Part 2

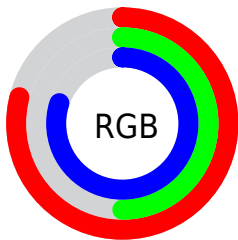
Format	Color
RYB	201, 127, 205
Decimal	13205453
CIELab	63.35, 40.92, -28.69
CIElCh	63, 49.974, 324.970
Yxy	32.0040, 0.3131, 0.2347
Android (android.graphics.Color)	4291395533 (0xFFC97FCD)
YUV	158.0180, 23.1621, 37.6952
Hunter-Lab	56.5721, 35.7167, -25.0477

Details

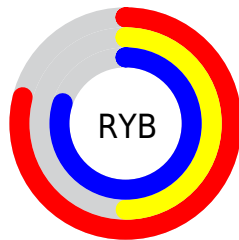
The RGB color **201, 127, 205** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **131, 205, 127**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 181, 255**, and **146, 76, 150** is the 20% darker color. If you saturate the color by 10%, you get **200, 107, 205**, and if you desaturate by 10%, it is **202, 148, 205**.

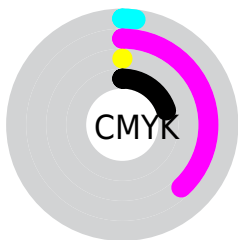
Distribution



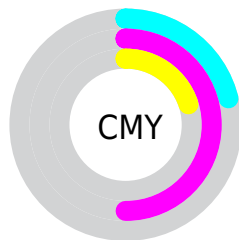
- Red (79%)
- Green (50%)
- Blue (80%)



- Red (79%)
- Yellow (50%)
- Blue (80%)



- Cyan (2%)
- Magenta (38%)
- Yellow (0%)
- Black (20%)




- Cyan (21%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 127, 205 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 201, 127, 205 by changing the saturation by 10% instead.


 201, 127, 205

255, 255, 255

 255, 181, 255

 255, 209, 255


 255, 238, 255

 201, 127, 205

 173, 101, 177

 146, 76, 150

 119, 51, 124


 93, 25, 99


 67, 0, 75


 44, 0, 52

 12, 0, 30

 0, 0, 0


 201, 127, 205


 201, 127, 205

 200, 107, 205

 202, 148, 205

 199, 86, 205

 203, 168, 205

 198, 66, 205

 204, 189, 205

 197, 45, 205

 205, 209, 205

 196, 25, 205

 206, 230, 205

 195, 4, 205

 207, 250, 205

 194, 0, 205

 208, 255, 205

 209, 255, 205

 210, 255, 205

Harmonies

Analogous

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



144, 145, 234



201, 127, 205



231, 116, 163

Triad

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



201, 127, 205



185, 148, 61



0, 175, 190

Complementary

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



201, 127, 205



131, 205, 127

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.



0, 175, 144



201, 127, 205



142, 162, 69

Square

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



201, 127, 205



218, 132, 81



87, 171, 100



0, 171, 225

Rectangle

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



201, 127, 205



237, 116, 133



87, 171, 100



0, 176, 175

Sweetspot

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



201, 127, 205



254, 227, 255



127, 132, 205



127, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 127, 205



249, 138, 255



205, 127, 171



101, 92, 102



157, 0, 166



36, 0, 38

Inverse Universe

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



205, 127, 131



255, 138, 144



127, 205, 161



102, 92, 92



166, 0, 8



38, 0, 2

Previews

White Background



This preview shows how the RGB color 201, 127, 205 looks on a white background.

Color Contrast Check

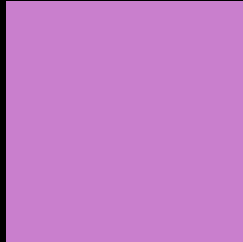
Large Text (above 18pt) WCAG AA × Fail

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 201, 127, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

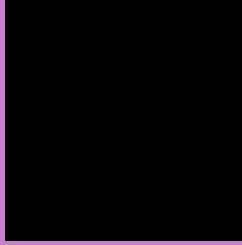
Any Text WCAG AA ✓ Pass

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 201, 127, 205 Background



This preview shows how black text looks on a background with the RGB color 201, 127, 205.

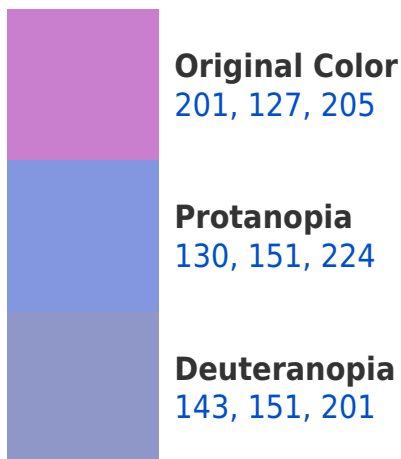



This preview shows how white text looks on a background with the RGB color 201, 127, 205.

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

194, 139, 149

Trichromacy



Original Color

201, 127, 205



Protanomaly

156, 142, 217



Deuteranomaly

164, 142, 202



Tritanomaly

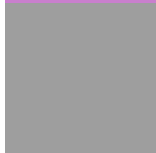
197, 135, 169

Monochromacy



Original Color

201, 127, 205



Achromatopsia

158, 158, 158



Achromatomaly

174, 147, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 127, 205 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(201, 127, 205)` looks like.

```
.text, #text, p{  
    color:rgb(201, 127, 205)  
}
```

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(201, 127, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 127, 205) }
```

Border

The CSS property to change the border of an element to RGB 201, 127, 205 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(201, 127, 205) }
```

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

```
.border{ border-color:rgb(201, 127, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 127, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 127, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 127, 205);  
box-shadow:4px 4px 4px 4px rgb(201, 127,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 201, 127, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 127, 205) }
```

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

```
.background{ background-color: rgb(201,  
127, 205) }
```

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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