

Converting Colors

RGB(205, 104, 227)

Have a look what the booklet for
RGB(205, 104, 227) contains.

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Color

RGB(205, 104, 227)

Conversions

Conversions Part 1

Format	Color
Hex	CD68E3
RGB	205, 104, 227
RGB Percent	80%, 41%, 89%
CMY	0.1961, 0.5922, 0.1098
CMYK	0.10, 0.54, 0.00, 0.11
HSL	289°, 69%, 65%
HSV	289°, 54%, 89%
XYZ	43.9923, 28.4258, 75.8411
YIQ	148.2210, 20.7130, 59.6650

Conversions

Conversions Part 2

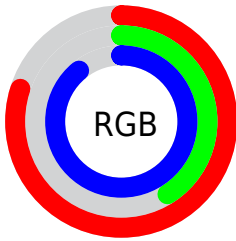
Format	Color
R _Y B	205, 104, 227
Decimal	13461731
CIE _{Lab}	60.27, 58.01, -45.78
CIE _{LCh}	60, 73.902, 321.718
Y _{xy}	28.4258, 0.2967, 0.1917
Android (android.graphics.Color)	4291651811 (0xFFCD68E3)
YUV	148.2210, 38.8380, 49.7952
Hunter-Lab	53.3159, 53.9821, -47.0181

Details

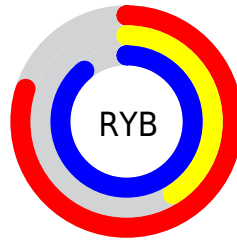
The RGB color **205, 104, 227** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **126, 227, 104**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **255, 159, 255**, and **148, 49, 171** is the 20% darker color. If you saturate the color by 10%, you get **201, 81, 227**, and if you desaturate by 10%, it is **209, 127, 227**.

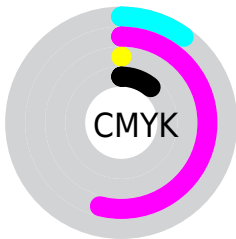
Distribution



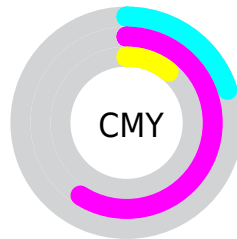
- Red (80%)
- Green (41%)
- Blue (89%)



- Red (80%)
- Yellow (41%)
- Blue (89%)



- Cyan (10%)
- Magenta (54%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (59%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 104, 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 205, 104, 227 by changing the saturation by 10% instead.

 205, 104, 227

 205, 104, 227


255, 255, 255

 176, 77, 199


 255, 159, 255

 148, 49, 171

 255, 187, 255

 120, 14, 144


 255, 216, 255


 93, 0, 118

 255, 245, 255

 66, 0, 93

 43, 0, 69


 1, 0, 45

 0, 1, 23

 0, 0, 0


 205, 104, 227


 205, 104, 227


 201, 81, 227

 209, 127, 227


 197, 59, 227

 213, 149, 227

 193, 36, 227

 217, 172, 227

 189, 13, 227

 221, 195, 227

 186, 0, 227

 225, 218, 227

 229, 240, 227

 233, 255, 227

 237, 255, 227

 242, 255, 227

Harmonies

Analogous

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



102, 136, 255



205, 104, 227



251, 75, 166

Triad

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



205, 104, 227



190, 136, 0



0, 175, 192

Complementary

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



205, 104, 227



126, 227, 104

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, 173, 124



205, 104, 227



129, 156, 0

Square

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



205, 104, 227



235, 107, 40



24, 168, 57



0, 171, 247

Rectangle

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



205, 104, 227



255, 73, 123



24, 168, 57



0, 175, 170

Sweetspot

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



205, 104, 227



248, 214, 255



104, 127, 227



123, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



205, 104, 227



225, 89, 255



227, 104, 188



113, 103, 115



147, 0, 179



42, 0, 51

Inverse Universe

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



227, 104, 126



255, 89, 119



104, 227, 143



115, 103, 105



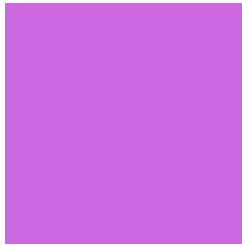
179, 0, 32



51, 0, 9

Previews

White Background



This preview shows how the RGB color 205, 104, 227 looks on a white background.

Color Contrast Check

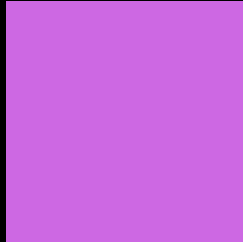
Large Text (above 18pt) WCAG AA ✓ Pass

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 205, 104, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

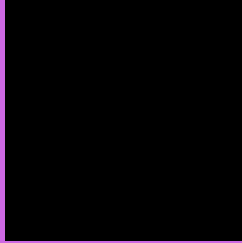
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 205, 104, 227 Background



This preview shows how black text looks on a background with the RGB color 205, 104, 227.

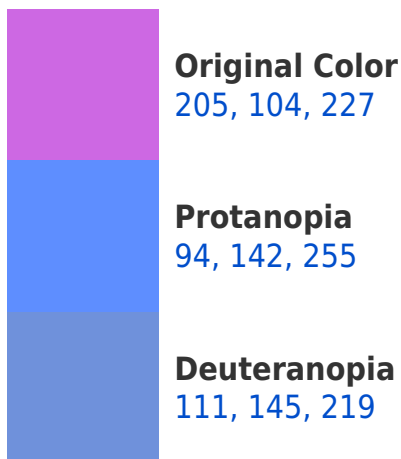


This preview shows how white text looks on a background with the RGB color 205, 104, 227.

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
193, 127, 137

Trichromacy



Original Color
205, 104, 227



Protanomaly
134, 128, 245



Deuteranomaly
145, 130, 222



Tritanomaly
197, 119, 170

Monochromacy



Original Color
205, 104, 227



Achromatopsia
148, 148, 148



Achromatomaly
169, 132, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 104, 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(205, 104, 227)` looks like.

```
.text, #text, p{  
    color:rgb(205, 104, 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(205, 104, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 104, 227) }
```

Border

The CSS property to change the border of an element to RGB 205, 104, 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(205, 104, 227) }
```

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

```
.border{ border-color:rgb(205, 104, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 104, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 104, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 104, 227);  
box-shadow:4px 4px 4px 4px rgb(205, 104,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 205, 104, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 104, 227) }
```

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

```
.background{ background-color: rgb(205,  
104, 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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