

Converting Colors

RGB(205, 148, 200)

Have a look what the booklet for
RGB(205, 148, 200) contains.

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Color

RGB(205, 148, 200)

Conversions

Conversions Part 1

Format	Color
Hex	CD94C8
RGB	205, 148, 200
RGB Percent	80%, 58%, 78%
CMY	0.1961, 0.4196, 0.2157
CMYK	0.00, 0.28, 0.02, 0.20
HSL	305°, 36%, 69%
HSV	305°, 28%, 80%
XYZ	46.1921, 38.3291, 59.6072
YIQ	170.9710, 17.2800, 28.2560

Conversions

Conversions Part 2

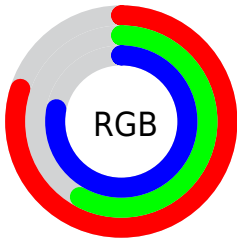
Format	Color
R_{YB}	205, 148, 200
Decimal	13472968
CIE _{Lab}	68.26, 29.91, -18.33
CIE _{LCh}	68, 35.079, 328.498
Yxy	38.3291, 0.3205, 0.2659
Android (android.graphics.Color)	4291663048 (0xFFCD94C8)
YUV	170.9710, 14.3113, 29.8434
Hunter-Lab	61.9105, 24.8374, -13.7469

Details

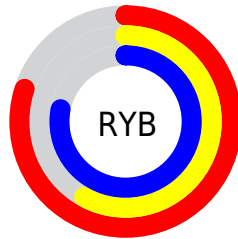
The RGB color **205, 148, 200** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **148, 205, 153**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **255, 203, 255**, and **150, 96, 146** is the 20% darker color. If you saturate the color by 10%, you get **205, 128, 198**, and if you desaturate by 10%, it is **205, 169, 202**.

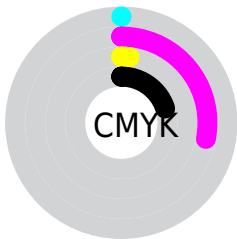
Distribution



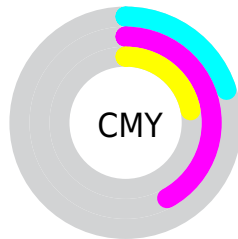
- Red (80%)
- Green (58%)
- Blue (78%)



- Red (80%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (28%)
- Yellow (2%)
- Black (20%)



- Cyan (20%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RGB color 205, 148, 200 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, 148, 200 by changing the saturation by 10% instead.

 205, 148, 200

 205, 148, 200


255, 255, 255

 177, 122, 173

 255, 203, 255

 150, 96, 146

 255, 231, 255

 124, 72, 120

 98, 48, 95

 73, 25, 71

 49, 2, 49

 29, 0, 28

 0, 0, 0

 205, 148, 200

 205, 148, 200

■ 205, 128, 198

■ 205, 169, 202

■ 205, 107, 196

■ 205, 189, 204

■ 205, 87, 195

■ 205, 210, 205

■ 205, 66, 193

■ 205, 230, 207

■ 205, 46, 191

■ 205, 251, 209

■ 205, 25, 189

■ 205, 255, 211

■ 205, 5, 187

■ 205, 255, 213

■ 205, 0, 187

■ 205, 255, 214

■ 205, 255, 216

Harmonies

Analogous

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



168, 159, 222



205, 148, 200



225, 142, 169

Triad

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



205, 148, 200



189, 164, 103



46, 183, 196

Complementary

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



205, 148, 200



148, 205, 153

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.



79, 183, 164



205, 148, 200



156, 174, 110

Square

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



205, 148, 200



214, 153, 113



119, 180, 132



67, 178, 220

Rectangle

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



205, 148, 200



229, 143, 148



119, 180, 132



53, 183, 185

Sweetspot

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



205, 148, 200



255, 235, 253



153, 148, 205



128, 115, 126



0, 0, 0



128, 128, 128

Same Dimension

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



205, 148, 200



255, 171, 248



205, 148, 172



102, 92, 101



166, 0, 151



38, 0, 35

Inverse Universe

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



205, 148, 200



255, 171, 248



148, 205, 181



102, 92, 101



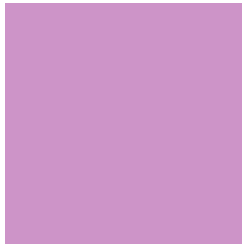
166, 0, 151



38, 0, 35

Previews

White Background



This preview shows how the RGB color 205, 148, 200 looks on a white background.

Color Contrast Check

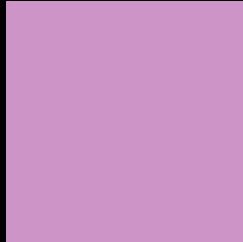
Large Text (above 18pt) WCAG AA × Fail

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 205, 148, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

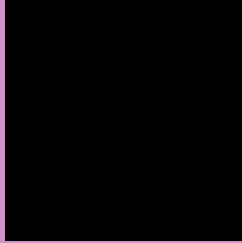
Any Text WCAG AA ✓ Pass

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 205, 148, 200 Background



This preview shows how black text looks on a background with the RGB color 205, 148, 200.



This preview shows how white text looks on a background with the RGB color 205, 148, 200.

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
205, 148, 200

Protanopia
155, 165, 212

Deuteranopia
168, 163, 197



Tritanopia
200, 154, 166

Trichromacy



Original Color

205, 148, 200



Protanomaly

173, 159, 208



Deuteranomaly

181, 158, 198



Tritanomaly

202, 152, 178

Monochromacy



Original Color

205, 148, 200



Achromatopsia

171, 171, 171



Achromatomaly

183, 163, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 148, 200 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, 148, 200)` looks like.

```
.text, #text, p{  
    color:rgb(205, 148, 200)  
}
```

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, 148, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 148, 200) }
```

Border

The CSS property to change the border of an element to RGB 205, 148, 200 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, 148, 200) }
```

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

```
.border{ border-color:rgb(205, 148, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 148, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 148, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 148, 200);  
box-shadow:4px 4px 4px 4px rgb(205, 148,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 205, 148, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 148, 200) }
```

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

```
.background{ background-color: rgb(205,  
148, 200) }
```

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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