

Converting Colors

RGB(199, 84, 168)

Have a look what the booklet for
RGB(199, 84, 168) contains.

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Color

RGB(199, 84, 168)

Conversions

Conversions Part 1

Format	Color
Hex	C754A8
RGB	199, 84, 168
RGB Percent	78%, 33%, 66%
CMY	0.2196, 0.6706, 0.3412
CMYK	0.00, 0.58, 0.16, 0.22
HSL	316°, 51%, 55%
HSV	316°, 58%, 78%
XYZ	33.7914, 21.3099, 39.3780
YIQ	127.9610, 41.5760, 50.5040

Conversions

Conversions Part 2

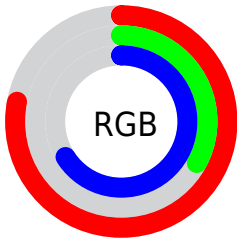
Format	Color
R_{YB}	199, 84, 168
Decimal	13063336
CIE _{Lab}	53.29, 55.56, -23.03
CIE _{LCh}	53, 60.143, 337.482
Yxy	21.3099, 0.3577, 0.2256
Android (android.graphics.Color)	4291253416 (0xFFC754A8)
YUV	127.9610, 19.7392, 62.3012
Hunter-Lab	46.1627, 49.8786, -18.2621

Details

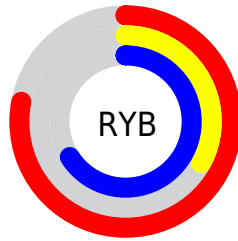
The RGB color **199, 84, 168** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **84, 199, 115**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **255, 139, 223**, and **142, 24, 116** is the 20% darker color. If you saturate the color by 10%, you get **199, 64, 163**, and if you desaturate by 10%, it is **199, 104, 173**.

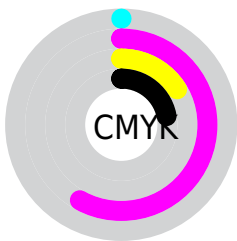
Distribution



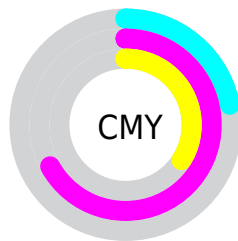
- Red (78%)
- Green (33%)
- Blue (66%)



- Red (78%)
- Yellow (33%)
- Blue (66%)



- Cyan (0%)
- Magenta (58%)
- Yellow (16%)
- Black (22%)



- Cyan (22%)
- Magenta (67%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 84, 168 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 199, 84, 168 by changing the saturation by 10% instead.



199, 84, 168



199, 84, 168

255, 255, 255



170, 56, 141



255, 139, 223



142, 24, 116



255, 167, 252



114, 0, 91



255, 195, 255



87, 0, 67



255, 224, 255



62, 0, 45



255, 253, 255



35, 0, 23



0, 0, 0



199, 84, 168



199, 84, 168



199, 64, 163



199, 104, 173

199, 44, 157

199, 124, 179

199, 24, 152

199, 144, 184

199, 4, 147

199, 164, 189

199, 0, 145

199, 184, 195

199, 203, 200

199, 223, 206

199, 243, 211

199, 255, 216

Harmonies

Analogous

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



145, 108, 210



199, 84, 168



219, 74, 116

Triad

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



199, 84, 168



140, 129, 0



0, 150, 189

Complementary

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



199, 84, 168



84, 199, 115

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, 151, 139



199, 84, 168



85, 142, 36

Square

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



199, 84, 168



183, 110, 22



0, 149, 85



0, 143, 223

Rectangle

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



199, 84, 168



217, 81, 83



0, 149, 85



0, 151, 174

Sweetspot

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



199, 84, 168



255, 212, 243



115, 84, 199



128, 102, 121



0, 0, 0



128, 128, 128

Same Dimension

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



199, 84, 168



255, 79, 208



199, 84, 111



99, 90, 97



163, 0, 119



36, 0, 26

Inverse Universe

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



199, 84, 168



255, 79, 208



84, 199, 172



99, 90, 97



163, 0, 119



36, 0, 26

Previews

White Background



This preview shows how the RGB color 199, 84, 168 looks on a white background.

Color Contrast Check

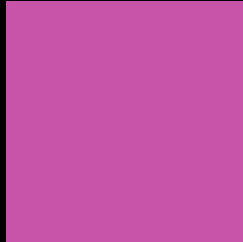
Large Text (above 18pt) WCAG AA ✓ Pass

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 199, 84, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

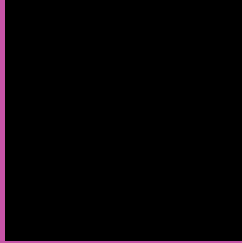
Any Text WCAG AA ✓ Pass

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 199, 84, 168 Background



This preview shows how black text looks on a background with the RGB color 199, 84, 168.



This preview shows how white text looks on a background with the RGB color 199, 84, 168.

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
199, 84, 168

Protanopia
100, 125, 200

Deuteranopia
123, 125, 161



Tritanopia
193, 99, 106

Trichromacy



Original Color

199, 84, 168



Protanomaly

136, 110, 188



Deuteranomaly

151, 110, 164



Tritanomaly

195, 94, 129

Monochromacy



Original Color

199, 84, 168



Achromatopsia

128, 128, 128



Achromatomaly

154, 112, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 84, 168 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(199, 84, 168)` looks like.

```
.text, #text, p{  
    color:rgb(199, 84, 168)  
}
```

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(199, 84, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 84, 168) }
```

Border

The CSS property to change the border of an element to RGB 199, 84, 168 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(199, 84, 168) }
```

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

```
.border{ border-color:rgb(199, 84, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 84, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 84, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 84, 168);  
box-shadow:4px 4px 4px 4px rgb(199, 84,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 199, 84, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 84, 168) }
```

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

```
.background{ background-color: rgb(199, 84,  
168) }
```

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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