

Converting Colors

RGB(201, 35, 174)

Have a look what the booklet for
RGB(201, 35, 174) contains.

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Color

RGB(201, 35, 174)

Conversions

Conversions Part 1

Format	Color
Hex	C923AE
RGB	201, 35, 174
RGB Percent	79%, 14%, 68%
CMY	0.2118, 0.8627, 0.3176
CMYK	0.00, 0.83, 0.13, 0.21
HSL	310°, 70%, 46%
HSV	310°, 83%, 79%
XYZ	32.3284, 16.6756, 41.5592
YIQ	100.4800, 54.3170, 78.4210

Conversions

Conversions Part 2

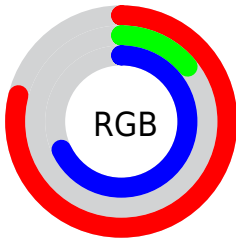
Format	Color
R_{YB}	201, 35, 174
Decimal	13181870
CIE _{Lab}	47.85, 73.81, -34.99
CIE _{LCh}	48, 81.687, 334.635
Yxy	16.6756, 0.3570, 0.1841
Android (android.graphics.Color)	4291371950 (0xFFC923AE)
YUV	100.4800, 36.2454, 88.1560
Hunter-Lab	40.8357, 69.8505, -31.7554

Details

The RGB color **201, 35, 174** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **35, 201, 62**, and the grayscale version is **100, 100, 100**.

A 20% lighter version of the original color is **255, 102, 230**, and **142, 0, 121** is the 20% darker color. If you saturate the color by 10%, you get **201, 15, 171**, and if you desaturate by 10%, it is **201, 55, 177**.

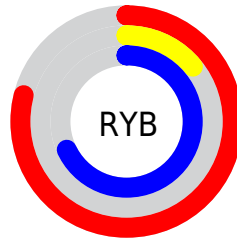
Distribution



Red (79%)

Green (14%)

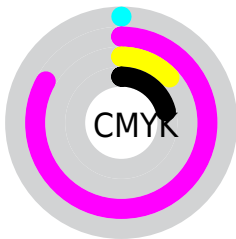
Blue (68%)



Red (79%)

Yellow (14%)

Blue (68%)

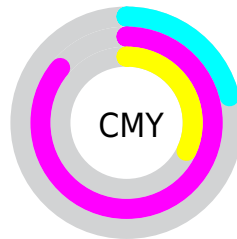


Cyan (0%)

Magenta (83%)

Yellow (13%)

Black (21%)



Cyan (21%)

Magenta (86%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 35, 174 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, 35, 174 by changing the saturation by 10% instead.



201, 35, 174



201, 35, 174

255, 255, 255



172, 0, 147



255, 102, 230



142, 0, 121



255, 132, 255



114, 0, 96



255, 161, 255



86, 0, 72



255, 190, 255



60, 0, 49



255, 220, 255



29, 0, 27



255, 250, 255



0, 0, 0



201, 35, 174



201, 35, 174



201, 15, 171



201, 55, 177

■ 201, 0, 168

■ 201, 75, 181

■ 201, 95, 184

■ 201, 115, 187

■ 201, 136, 190

■ 201, 156, 194

■ 201, 176, 197

■ 201, 196, 200

■ 201, 216, 203

Harmonies

Analogous

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



119, 89, 229



201, 35, 174



229, 0, 106

Triad

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



201, 35, 174



129, 115, 0



0, 141, 191

Complementary

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



201, 35, 174



35, 201, 62

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, 141, 123



201, 35, 174



51, 130, 0

Square

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



201, 35, 174



183, 86, 0



0, 138, 49



0, 136, 239

Rectangle

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



201, 35, 174



227, 3, 61



0, 138, 49



0, 142, 170

Sweetspot

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



201, 35, 174



255, 191, 245



60, 35, 201



128, 89, 121



0, 0, 0



128, 128, 128

Same Dimension

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



201, 35, 174



255, 3, 214



201, 35, 93



99, 90, 98



163, 0, 137



36, 0, 30

Inverse Universe

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



201, 35, 174



255, 3, 214



35, 201, 143



99, 90, 98



163, 0, 137



36, 0, 30

Previews

White Background



This preview shows how the RGB color 201, 35, 174 looks on a white background.

Color Contrast Check

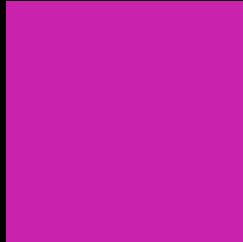
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 201, 35, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

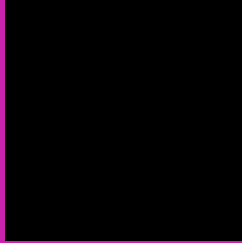
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 201, 35, 174 Background



This preview shows how black text looks on a background with the RGB color 201, 35, 174.

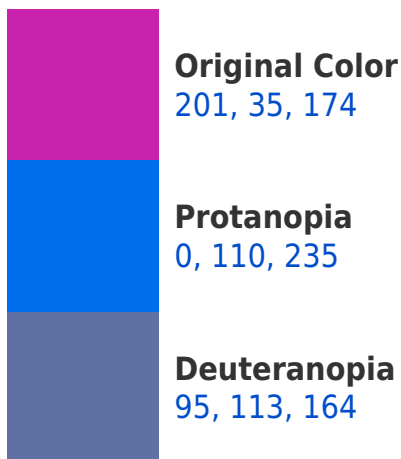


This preview shows how white text looks on a background with the RGB color 201, 35, 174.

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
192, 74, 79

Trichromacy



Original Color

201, 35, 174



Protanomaly

73, 83, 213



Deuteranomaly

134, 85, 168



Tritanomaly

195, 60, 114

Monochromacy



Original Color

201, 35, 174



Achromatopsia

100, 100, 100



Achromatomaly

137, 76, 127

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 35, 174 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, 35, 174) looks like.

```
.text, #text, p{  
    color:rgb(201, 35, 174)  
}
```

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, 35, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 35, 174) }
```

Border

The CSS property to change the border of an element to RGB 201, 35, 174 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, 35, 174) }
```

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

```
.border{ border-color:rgb(201, 35, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 35, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 35, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 35, 174); box-shadow:4px 4px 4px 4px rgb(201, 35, 174) }
```

Background

The CSS property to change the background color of an element to RGB 201, 35, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 35, 174) }
```

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

```
.background{ background-color: rgb(201, 35,  
174) }
```

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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