

Converting Colors

RGB(171, 0, 194)

Have a look what the booklet for
RGB(171, 0, 194) contains.

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Color

RGB(171, 0, 194)

Conversions

Conversions Part 1

Format	Color
Hex	AB00C2
RGB	171, 0, 194
RGB Percent	67%, 0%, 76%
CMY	0.3294, 1.0000, 0.2392
CMYK	0.12, 1.00, 0.00, 0.24
HSL	293°, 100%, 38%
HSV	293°, 100%, 76%
XYZ	26.5322, 12.5530, 52.0635
YIQ	73.2450, 39.6420, 96.5860

Conversions

Conversions Part 2

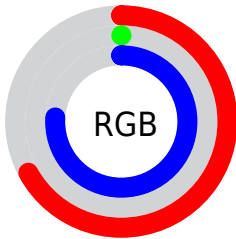
Format	Color
RYB	171, 0, 194
Decimal	11206850
CIELab	42.08, 76.42, -56.25
CIELCh	42, 94.893, 323.644
Yxy	12.5530, 0.2911, 0.1377
Android (android.graphics.Color)	4289396930 (0xFFAB00C2)
YUV	73.2450, 59.5322, 85.7311
Hunter-Lab	35.4302, 71.6685, -62.3236

Details

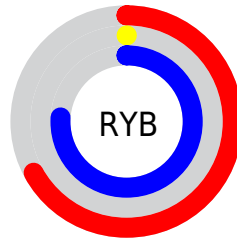
The RGB color **171, 0, 194** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **23, 194, 0**, and the grayscale version is **73, 73, 73**.

A 20% lighter version of the original color is **230, 86, 251**, and **113, 0, 139** is the 20% darker color. If you saturate the color by 10%, you get **171, 0, 194**, and if you desaturate by 10%, it is **173, 19, 194**.

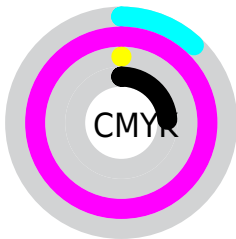
Distribution



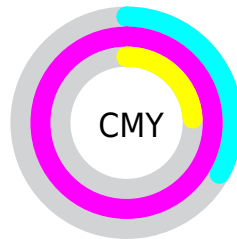
- Red (67%)
- Green (0%)
- Blue (76%)



- Red (67%)
- Yellow (0%)
- Blue (76%)



- Cyan (12%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)




- Cyan (33%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 0, 194 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 171, 0, 194 by changing the saturation by 10% instead.

 171, 0, 194

 171, 0, 194

255, 255, 255

 142, 0, 166

 230, 86, 251

 113, 0, 139

 255, 116, 255

 85, 0, 113

 255, 145, 255

 58, 0, 88

 255, 174, 255

 26, 0, 63


 255, 203, 255


 0, 3, 40


 255, 233, 255


 0, 1, 18


 0, 0, 0

 171, 0, 194


 173, 19, 194


 176, 39, 194

 178, 58, 194


 180, 78, 194

 183, 97, 194

 185, 116, 194

 187, 136, 194

 189, 155, 194

 192, 175, 194

Harmonies

Analogous

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



0, 87, 247



171, 0, 194



221, 0, 120

Triad

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



171, 0, 194



136, 91, 0



0, 129, 161

Complementary

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



171, 0, 194



23, 194, 0

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, 127, 80



171, 0, 194



58, 113, 0

Square

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



171, 0, 194



190, 42, 0



0, 123, 0



0, 127, 227

Rectangle

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



171, 0, 194



227, 0, 69



0, 123, 0



0, 128, 135

Sweetspot

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



171, 0, 194



243, 177, 252



0, 26, 194



122, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



171, 0, 194



223, 0, 252



194, 0, 123



96, 87, 97



142, 0, 161



29, 0, 33

Inverse Universe

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



194, 0, 23



252, 0, 30



0, 194, 71



97, 87, 88



161, 0, 19



33, 0, 4

Previews

White Background



This preview shows how the RGB color 171, 0, 194 looks on a white background.

Color Contrast Check

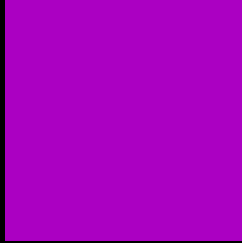
Large Text (above 18pt) WCAG AA ✓ Pass

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 171, 0, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

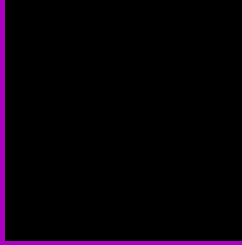
Any Text WCAG AA × Fail

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 171, 0, 194 Background



This preview shows how black text looks on a background with the RGB color 171, 0, 194.

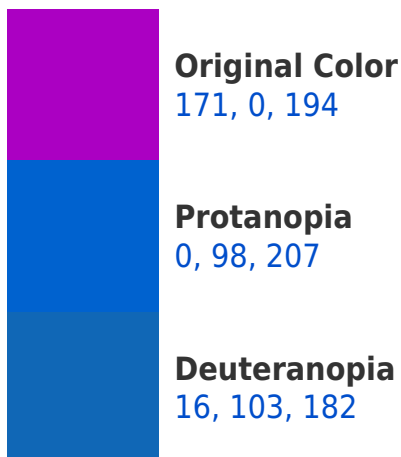


This preview shows how white text looks on a background with the RGB color 171, 0, 194.

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
157, 76, 81

Trichromacy



Original Color

171, 0, 194



Protanomaly

62, 62, 202



Deuteranomaly

72, 66, 186



Tritanomaly

162, 48, 122

Monochromacy



Original Color

171, 0, 194



Achromatopsia

73, 73, 73



Achromatomaly

109, 46, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 0, 194 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(171, 0, 194)` looks like.

```
.text, #text, p{  
    color:rgb(171, 0, 194)  
}
```

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(171, 0, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 194) }
```

Border

The CSS property to change the border of an element to RGB 171, 0, 194 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(171, 0, 194) }
```

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

```
.border{ border-color:rgb(171, 0, 194) }
```

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

Here you see how a box with a 4 pixel rgb(171, 0, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 194);  
box-shadow:4px 4px 4px 4px rgb(171, 0,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 171, 0, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 0, 194) }
```

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

```
.background{ background-color: rgb(171, 0,  
194) }
```

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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