

Converting Colors

RGB(173, 111, 204)

Have a look what the booklet for
RGB(173, 111, 204) contains.

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Color

RGB(173, 111, 204)

Conversions

Conversions Part 1

Format	Color
Hex	AD6FCC
RGB	173, 111, 204
RGB Percent	68%, 44%, 80%
CMY	0.3216, 0.5647, 0.2000
CMYK	0.15, 0.46, 0.00, 0.20
HSL	280°, 48%, 62%
HSV	280°, 46%, 80%
XYZ	33.8171, 24.6127, 60.0951
YIQ	140.1400, 7.0990, 42.0670

Conversions

Conversions Part 2

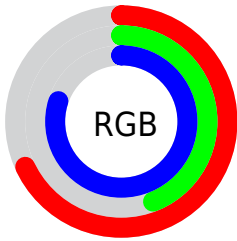
Format	Color
R _{YB}	173, 111, 204
Decimal	11366348
CIE _{Lab}	56.70, 40.95, -38.72
CIE _{LCh}	57, 56.357, 316.608
Yxy	24.6127, 0.2853, 0.2077
Android (android.graphics.Color)	4289556428 (0xFFAD6FCC)
YUV	140.1400, 31.4830, 28.8182
Hunter-Lab	49.6112, 34.8534, -37.0913

Details

The RGB color **173, 111, 204** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **142, 204, 111**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **230, 164, 255**, and **119, 61, 149** is the 20% darker color. If you saturate the color by 10%, you get **166, 91, 204**, and if you desaturate by 10%, it is **180, 131, 204**.

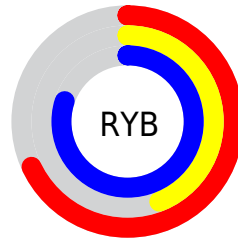
Distribution



Red (68%)

Green (44%)

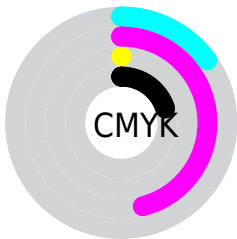
Blue (80%)



Red (68%)

Yellow (44%)

Blue (80%)

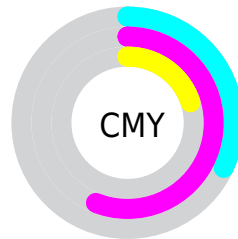


Cyan (15%)

Magenta (46%)

Yellow (0%)

Black (20%)



Cyan (32%)

Magenta (56%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 173, 111, 204 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 173, 111, 204 by changing the saturation by 10% instead.

 173, 111, 204

255, 255, 255

 230, 164, 255

 255, 192, 255

 255, 220, 255

 255, 249, 255


 173, 111, 204


 145, 86, 176

 119, 61, 149

 92, 36, 123

 67, 8, 98

 41, 0, 73

 18, 0, 50


 0, 2, 28

 0, 0, 0


 173, 111, 204


 173, 111, 204


 166, 91, 204


 180, 131, 204


 159, 70, 204

 187, 152, 204

 153, 50, 204

 193, 172, 204

 146, 29, 204

 200, 193, 204

 139, 9, 204

 207, 213, 204

 136, 0, 204

 214, 233, 204

 221, 254, 204

 227, 255, 204

 234, 255, 204

Harmonies

Analogous

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



94, 132, 230



173, 111, 204



214, 93, 160

Triad

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



173, 111, 204



180, 126, 33



0, 160, 163

Complementary

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



173, 111, 204



142, 204, 111

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, 158, 112



173, 111, 204



135, 142, 30

Square

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



173, 111, 204



212, 106, 66



78, 153, 64



0, 157, 206

Rectangle

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



173, 111, 204



224, 89, 127



78, 153, 64



0, 159, 146

Sweetspot

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



173, 111, 204



243, 219, 255



111, 142, 204



120, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



173, 111, 204



208, 115, 255



204, 111, 188



99, 92, 102



111, 0, 166



26, 0, 38

Inverse Universe

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



204, 111, 142



255, 115, 162



111, 204, 126



102, 92, 95



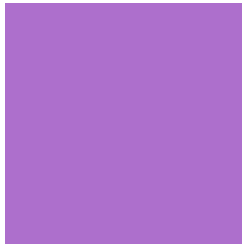
166, 0, 55



38, 0, 13

Previews

White Background



This preview shows how the RGB color 173, 111, 204 looks on a white background.

Color Contrast Check

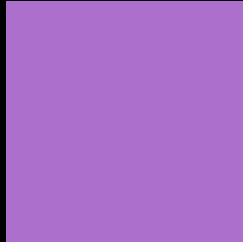
Large Text (above 18pt) WCAG AA ✓ Pass

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 173, 111, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

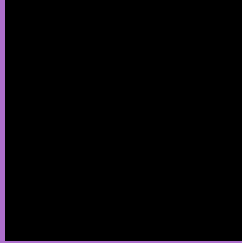
Any Text WCAG AA ✓ Pass

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 173, 111, 204 Background



This preview shows how black text looks on a background with the RGB color 173, 111, 204.

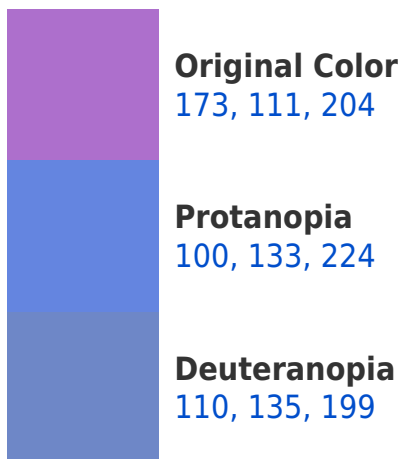


This preview shows how white text looks on a background with the RGB color 173, 111, 204.

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
163, 126, 136

Trichromacy



Original Color

173, 111, 204



Protanomaly

127, 125, 217



Deuteranomaly

133, 126, 201



Tritanomaly

167, 121, 161

Monochromacy



Original Color

173, 111, 204



Achromatopsia

140, 140, 140



Achromatomaly

152, 129, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 111, 204 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(173, 111, 204)` looks like.

```
.text, #text, p{  
    color:rgb(173, 111, 204)  
}
```

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(173, 111, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 111, 204) }
```

Border

The CSS property to change the border of an element to RGB 173, 111, 204 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(173, 111, 204) }
```

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

```
.border{ border-color:rgb(173, 111, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 111, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 111, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 111, 204);  
box-shadow:4px 4px 4px 4px rgb(173, 111,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 173, 111, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 111, 204) }
```

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

```
.background{ background-color: rgb(173,  
111, 204) }
```

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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