

Converting Colors

RGB(177, 115, 203)

Have a look what the booklet for
RGB(177, 115, 203) contains.

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Color

RGB(177, 115, 203)

Conversions

Conversions Part 1

Format	Color
Hex	B173CB
RGB	177, 115, 203
RGB Percent	69%, 45%, 80%
CMY	0.3059, 0.5490, 0.2039
CMYK	0.13, 0.43, 0.00, 0.20
HSL	282°, 46%, 62%
HSV	282°, 43%, 80%
XYZ	35.0417, 25.9204, 59.6561
YIQ	143.5700, 8.7040, 40.5120

Conversions

Conversions Part 2

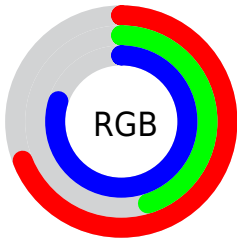
Format	Color
RYB	177, 115, 203
Decimal	11629515
CIELab	57.96, 39.73, -36.14
CIELCh	58, 53.701, 317.710
Yxy	25.9204, 0.2905, 0.2149
Android (android.graphics.Color)	4289819595 (0xFFB173CB)
YUV	143.5700, 29.2990, 29.3181
Hunter-Lab	50.9121, 33.7617, -33.8346

Details

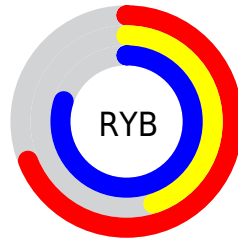
The RGB color **177, 115, 203** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **141, 203, 115**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **234, 168, 255**, and **123, 65, 148** is the 20% darker color. If you saturate the color by 10%, you get **171, 95, 203**, and if you desaturate by 10%, it is **183, 135, 203**.

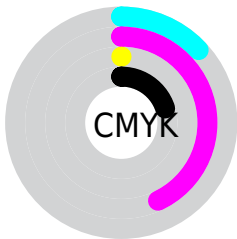
Distribution



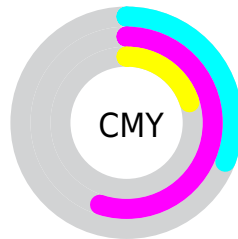
- Red (69%)
- Green (45%)
- Blue (80%)



- Red (69%)
- Yellow (45%)
- Blue (80%)



- Cyan (13%)
- Magenta (43%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (55%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the RGB color 177, 115, 203 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 177, 115, 203 by changing the saturation by 10% instead.

 177, 115, 203

255, 255, 255

 234, 168, 255

 255, 196, 255

 255, 224, 255


 255, 253, 255

 177, 115, 203

 149, 89, 175

 123, 65, 148

 96, 40, 122


 71, 14, 97


 46, 0, 73


 25, 0, 50

 0, 1, 28

 0, 0, 0

 177, 115, 203

 177, 115, 203

 171, 95, 203


 183, 135, 203


 165, 74, 203

 189, 156, 203

 159, 54, 203

 195, 176, 203

 153, 34, 203

 201, 196, 203

 147, 13, 203

 207, 217, 203

 143, 0, 203

 213, 237, 203

 219, 255, 203

 225, 255, 203

 231, 255, 203

Harmonies

Analogous

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



105, 135, 229



177, 115, 203



215, 99, 161

Triad

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



177, 115, 203



181, 130, 42



0, 162, 166

Complementary

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



177, 115, 203



141, 203, 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, 161, 118



177, 115, 203



138, 145, 42

Square

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



177, 115, 203



212, 112, 71



82, 156, 73



0, 159, 208

Rectangle

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



177, 115, 203



225, 96, 129



82, 156, 73



0, 162, 150

Sweetspot

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



177, 115, 203



245, 222, 255



115, 141, 203



121, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



177, 115, 203



216, 122, 255



203, 115, 185



99, 92, 102



117, 0, 166



27, 0, 38

Inverse Universe

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



203, 115, 141



255, 122, 162



115, 203, 133



102, 92, 95



166, 0, 49



38, 0, 11

Previews

White Background



This preview shows how the RGB color 177, 115, 203 looks on a white background.

Color Contrast Check

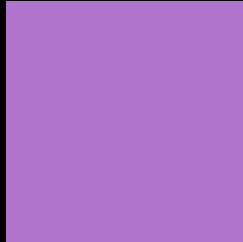
Large Text (above 18pt) WCAG AA ✓ Pass

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 177, 115, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

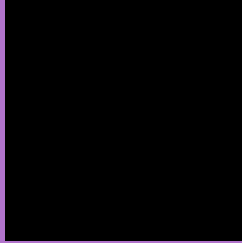
Any Text WCAG AA ✓ Pass

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 177, 115, 203 Background



This preview shows how black text looks on a background with the RGB color 177, 115, 203.

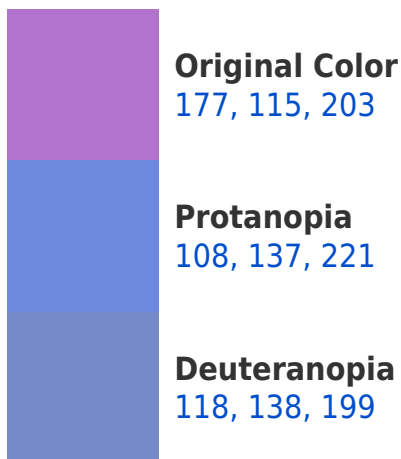


This preview shows how white text looks on a background with the RGB color 177, 115, 203.

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
167, 129, 139

Trichromacy



Original Color

177, 115, 203



Protanomaly

133, 129, 214



Deuteranomaly

139, 130, 200



Tritanomaly

171, 124, 162

Monochromacy



Original Color

177, 115, 203



Achromatopsia

144, 144, 144



Achromatomaly

156, 133, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 115, 203 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(177, 115, 203)` looks like.

```
.text, #text, p{  
    color:rgb(177, 115, 203)  
}
```

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(177, 115, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 115, 203) }
```

Border

The CSS property to change the border of an element to RGB 177, 115, 203 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(177, 115, 203) }
```

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

```
.border{ border-color:rgb(177, 115, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 115, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 115, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 115, 203);  
box-shadow:4px 4px 4px 4px rgb(177, 115,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 177, 115, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 115, 203) }
```

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

```
.background{ background-color: rgb(177,  
115, 203) }
```

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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