

Converting Colors

RGB(175, 115, 201)

Have a look what the booklet for
RGB(175, 115, 201) contains.

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Color

RGB(175, 115, 201)

Conversions

Conversions Part 1

Format	Color
Hex	AF73C9
RGB	175, 115, 201
RGB Percent	69%, 45%, 79%
CMY	0.3137, 0.5490, 0.2118
CMYK	0.13, 0.43, 0.00, 0.21
HSL	282°, 44%, 62%
HSV	282°, 43%, 79%
XYZ	34.3525, 25.5925, 58.3876
YIQ	142.7440, 8.1540, 39.4660

Conversions

Conversions Part 2

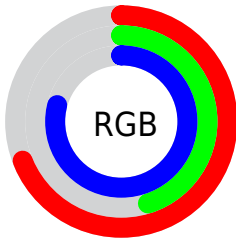
Format	Color
RYB	175, 115, 201
Decimal	11498441
CIELab	57.65, 38.71, -35.51
CIELCh	58, 52.528, 317.471
Yxy	25.5925, 0.2903, 0.2163
Android (android.graphics.Color)	4289688521 (0xFFAF73C9)
YUV	142.7440, 28.7202, 28.2885
Hunter-Lab	50.5890, 32.6800, -33.0176

Details

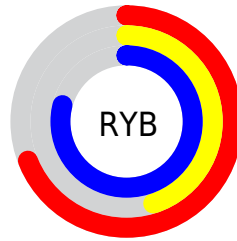
The RGB color **175, 115, 201** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **141, 201, 115**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **232, 168, 255**, and **121, 65, 147** is the 20% darker color. If you saturate the color by 10%, you get **169, 95, 201**, and if you desaturate by 10%, it is **181, 135, 201**.

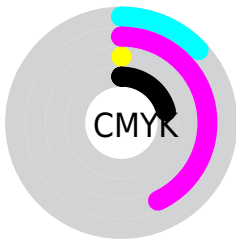
Distribution



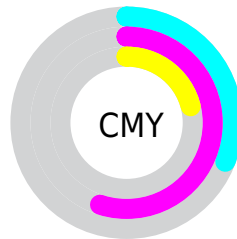
- Red (69%)
- Green (45%)
- Blue (79%)



- Red (69%)
- Yellow (45%)
- Blue (79%)



- Cyan (13%)
- Magenta (43%)
- Yellow (0%)
- Black (21%)



- Cyan (31%)
- Magenta (55%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 115, 201 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 175, 115, 201 by changing the saturation by 10% instead.


 175, 115, 201

 175, 115, 201

255, 255, 255

 148, 90, 173

 232, 168, 255

 121, 65, 147

 255, 196, 255

 95, 40, 121

 255, 224, 255

 69, 15, 95

 255, 253, 255

 44, 0, 71

 23, 0, 48


 0, 1, 26


 0, 0, 0

 175, 115, 201

 175, 115, 201

 169, 95, 201


 181, 135, 201

 163, 75, 201


 187, 155, 201

 157, 55, 201

 193, 175, 201


 151, 35, 201

 199, 195, 201

 145, 15, 201

 205, 216, 201

 140, 0, 201

 211, 236, 201

 218, 255, 201

 224, 255, 201

 230, 255, 201

Harmonies

Analogous

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



105, 134, 226



175, 115, 201



213, 99, 160

Triad

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



175, 115, 201



179, 129, 44



0, 161, 165

Complementary

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



175, 115, 201



141, 201, 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, 160, 117



175, 115, 201



138, 144, 44

Square

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



175, 115, 201



210, 111, 72



84, 154, 73



0, 158, 205

Rectangle

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



175, 115, 201



222, 96, 129



84, 154, 73



0, 161, 149

Sweetspot

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



175, 115, 201



245, 222, 255



115, 142, 201



121, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 115, 201



216, 125, 255



201, 115, 185



96, 90, 99



114, 0, 163



25, 0, 36

Inverse Universe

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



201, 115, 141



255, 125, 164



115, 201, 131



99, 90, 93



163, 0, 49



36, 0, 11

Previews

White Background



This preview shows how the RGB color 175, 115, 201 looks on a white background.

Color Contrast Check

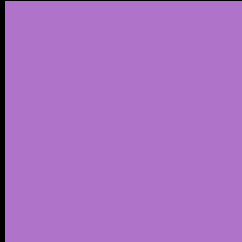
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 115, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

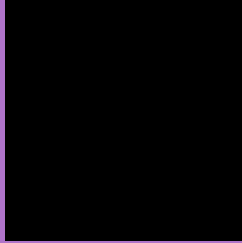
Any Text WCAG AA ✓ Pass

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 175, 115, 201 Background



This preview shows how black text looks on a background with the RGB color 175, 115, 201.

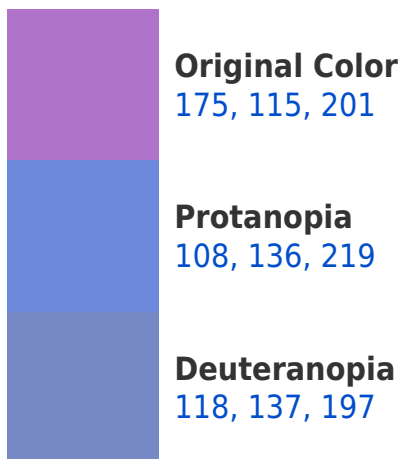



This preview shows how white text looks on a background with the RGB color 175, 115, 201.

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
166, 129, 139

Trichromacy



Original Color

175, 115, 201



Protanomaly

132, 128, 212



Deuteranomaly

139, 129, 198



Tritanomaly

169, 124, 162

Monochromacy



Original Color

175, 115, 201



Achromatopsia

143, 143, 143



Achromatomaly

155, 133, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 115, 201 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(175, 115, 201)` looks like.

```
.text, #text, p{  
    color:rgb(175, 115, 201)  
}
```

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(175, 115, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 115, 201) }
```

Border

The CSS property to change the border of an element to RGB 175, 115, 201 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(175, 115, 201) }
```

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

```
.border{ border-color:rgb(175, 115, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 115, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 115, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 115, 201);  
box-shadow:4px 4px 4px 4px rgb(175, 115,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 175, 115, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 115, 201) }
```

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

```
.background{ background-color: rgb(175,  
115, 201) }
```

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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