

Converting Colors

RGB(174, 105, 209)

Have a look what the booklet for
RGB(174, 105, 209) contains.

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Color

RGB(174, 105, 209)

Conversions

Conversions Part 1

Format	Color
Hex	AE69D1
RGB	174, 105, 209
RGB Percent	68%, 41%, 82%
CMY	0.3176, 0.5882, 0.1804
CMYK	0.17, 0.50, 0.00, 0.18
HSL	280°, 53%, 62%
HSV	280°, 50%, 82%
XYZ	34.0158, 23.7053, 63.1043
YIQ	137.4870, 7.7400, 46.9720

Conversions

Conversions Part 2

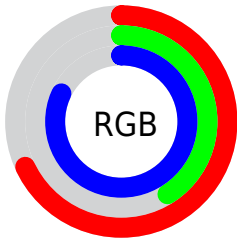
Format	Color
RYB	174, 105, 209
Decimal	11430353
CIELab	55.79, 45.54, -42.97
CIELCh	56, 62.616, 316.666
Yxy	23.7053, 0.2815, 0.1962
Android (android.graphics.Color)	4289620433 (0xFFAE69D1)
YUV	137.4870, 35.2559, 32.0219
Hunter-Lab	48.6881, 39.5044, -42.7638

Details

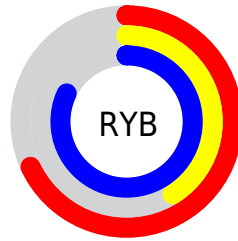
The RGB color **174, 105, 209** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **140, 209, 105**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **231, 158, 255**, and **119, 54, 154** is the 20% darker color. If you saturate the color by 10%, you get **167, 84, 209**, and if you desaturate by 10%, it is **181, 126, 209**.

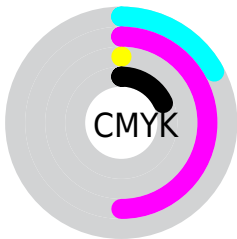
Distribution



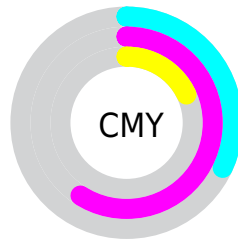
- Red (68%)
- Green (41%)
- Blue (82%)



- Red (68%)
- Yellow (41%)
- Blue (82%)



- Cyan (17%)
- Magenta (50%)
- Yellow (0%)
- Black (18%)



- Cyan (32%)
- Magenta (59%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the RGB color 174, 105, 209 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 174, 105, 209 by changing the saturation by 10% instead.

 174, 105, 209


255, 255, 255


 231, 158, 255

 255, 186, 255

 255, 214, 255

 255, 243, 255

 174, 105, 209

 146, 79, 181

 119, 54, 154

 92, 28, 128

 66, 0, 102


 40, 0, 77

 14, 0, 54

 0, 2, 31


 0, 0, 3


 0, 0, 0

 174, 105, 209


 174, 105, 209

 167, 84, 209


 181, 126, 209


 160, 63, 209

 188, 147, 209

 153, 42, 209

 195, 168, 209

 146, 21, 209

 202, 189, 209

 139, 1, 209

 209, 210, 209

 139, 0, 209

 216, 230, 209

 223, 251, 209

 230, 255, 209

 237, 255, 209

Harmonies

Analogous

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



80, 129, 239



174, 105, 209



219, 82, 160

Triad

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



174, 105, 209



180, 122, 6



0, 159, 163

Complementary

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



174, 105, 209



140, 209, 105

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, 157, 107



174, 105, 209



131, 140, 0

Square

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



174, 105, 209



215, 99, 56



65, 152, 53



0, 156, 212

Rectangle

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



174, 105, 209



230, 78, 124



65, 152, 53



0, 159, 145

Sweetspot

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



174, 105, 209



242, 217, 255



105, 141, 209



120, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



174, 105, 209



204, 102, 255



209, 105, 193



101, 94, 105



112, 0, 168



27, 0, 41

Inverse Universe

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



209, 105, 140



255, 102, 153



105, 209, 121



105, 94, 98



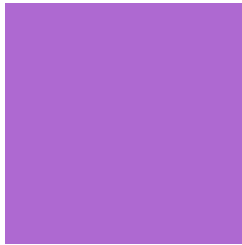
168, 0, 57



41, 0, 14

Previews

White Background



This preview shows how the RGB color 174, 105, 209 looks on a white background.

Color Contrast Check

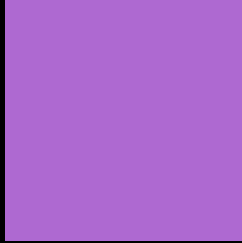
Large Text (above 18pt) WCAG AA ✓ Pass

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 174, 105, 209 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 174, 105, 209 Background



This preview shows how black text looks on a background with the RGB color 174, 105, 209.

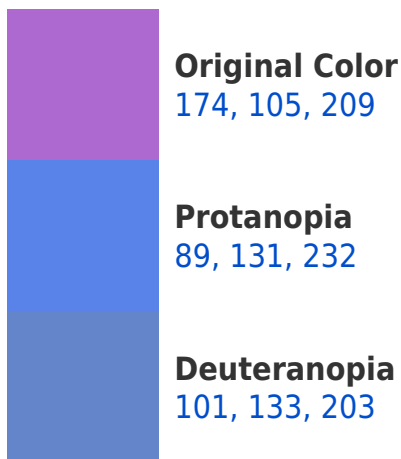


This preview shows how white text looks on a background with the RGB color 174, 105, 209.

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
162, 123, 133

Trichromacy



Original Color
174, 105, 209

Protanomaly
120, 122, 224

Deuteranomaly
128, 123, 205

Tritanomaly
166, 116, 161

Monochromacy



Original Color
174, 105, 209

Achromatopsia
137, 137, 137

Achromatomaly
150, 125, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 105, 209 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(174, 105, 209)` looks like.

```
.text, #text, p{  
    color:rgb(174, 105, 209)  
}
```

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(174, 105, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 105, 209) }
```

Border

The CSS property to change the border of an element to RGB 174, 105, 209 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(174, 105, 209) }
```

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

```
.border{ border-color:rgb(174, 105, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 105, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 105, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 105, 209);  
box-shadow:4px 4px 4px 4px rgb(174, 105,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 174, 105, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 105, 209) }
```

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

```
.background{ background-color: rgb(174,  
105, 209) }
```

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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