

Converting Colors

RGB(174, 107, 214)

Have a look what the booklet for
RGB(174, 107, 214) contains.

RGB(174, 107, 214)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(174, 107, 214)

Conversions

Conversions Part 1

Format	Color
Hex	AE6BD6
RGB	174, 107, 214
RGB Percent	68%, 42%, 84%
CMY	0.3176, 0.5804, 0.1608
CMYK	0.19, 0.50, 0.00, 0.16
HSL	278°, 57%, 63%
HSV	278°, 50%, 84%
XYZ	34.8509, 24.3691, 66.4852
YIQ	139.2310, 5.5850, 47.4810

Conversions

Conversions Part 2

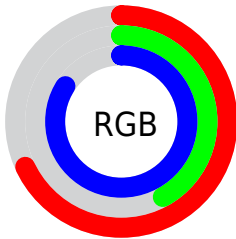
Format	Color
RYB	174, 107, 214
Decimal	11430870
CIELab	56.46, 45.56, -44.75
CIELCh	56, 63.866, 315.515
Yxy	24.3691, 0.2772, 0.1939
Android (android.graphics.Color)	4289620950 (0xFFAE6BD6)
YUV	139.2310, 36.8611, 30.4924
Hunter-Lab	49.3651, 39.6289, -45.2966

Details

The RGB color **174, 107, 214** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **147, 214, 107**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **231, 160, 255**, and **119, 56, 159** is the 20% darker color. If you saturate the color by 10%, you get **166, 86, 214**, and if you desaturate by 10%, it is **182, 128, 214**.

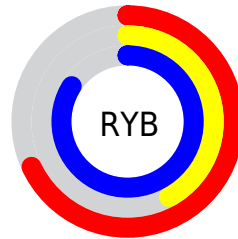
Distribution



Red (68%)

Green (42%)

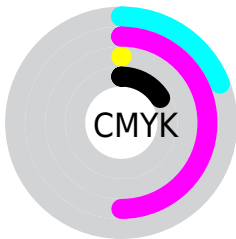
Blue (84%)



Red (68%)

Yellow (42%)

Blue (84%)

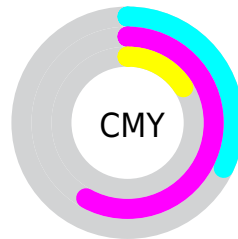


Cyan (19%)

Magenta (50%)

Yellow (0%)

Black (16%)



Cyan (32%)


Magenta (58%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the RGB color 174, 107, 214 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, 107, 214 by changing the saturation by 10% instead.

 174, 107, 214

255, 255, 255

 231, 160, 255

 255, 188, 255

 255, 216, 255

 255, 245, 255

 174, 107, 214


 146, 81, 186

 119, 56, 159

 92, 30, 132

 66, 0, 106

 39, 0, 82

 14, 0, 58

 0, 2, 35

 0, 0, 10

 0, 0, 0

■ 174, 107, 214

■ 174, 107, 214

■ 166, 86, 214

■ 182, 128, 214

■ 158, 64, 214

■ 190, 150, 214

■ 150, 43, 214

■ 198, 171, 214

■ 142, 21, 214

■ 206, 193, 214

■ 134, 0, 214

■ 214, 214, 214

■ 222, 235, 214

■ 230, 255, 214

■ 238, 255, 214

■ 246, 255, 214

Harmonies

Analogous

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



73, 132, 243



174, 107, 214



221, 83, 165

Triad

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



174, 107, 214



184, 123, 5



0, 161, 164

Complementary

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



174, 107, 214



147, 214, 107

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, 159, 106



174, 107, 214



135, 142, 0

Square

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



174, 107, 214



220, 99, 57



68, 153, 50



0, 158, 214

Rectangle

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



174, 107, 214



234, 78, 127



68, 153, 50



0, 161, 144

Sweetspot

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



174, 107, 214



241, 217, 255



107, 148, 214



119, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



174, 107, 214



198, 102, 255



214, 107, 202



103, 96, 107



107, 0, 171



27, 0, 43

Inverse Universe

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



214, 107, 147



255, 102, 159



107, 214, 119



107, 96, 100



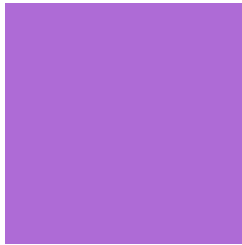
171, 0, 64



43, 0, 16

Previews

White Background



This preview shows how the RGB color 174, 107, 214 looks on a white background.

Color Contrast Check

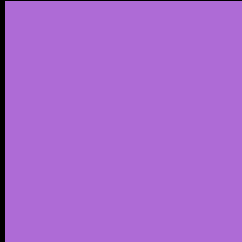
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

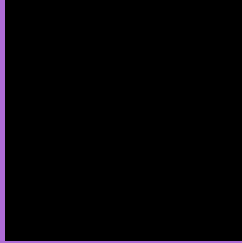
Any Text WCAG AA ✓ Pass

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, 107, 214 Background



This preview shows how black text looks on a background with the RGB color 174, 107, 214.

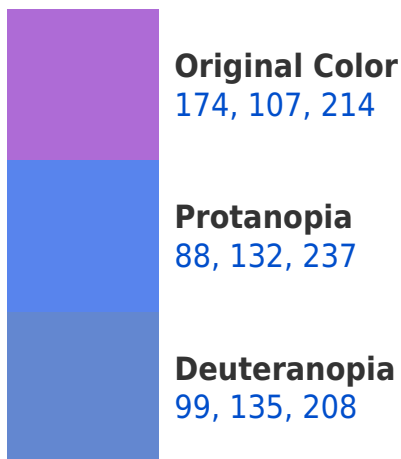


This preview shows how white text looks on a background with the RGB color 174, 107, 214.

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, 126, 136

Trichromacy



Original Color

174, 107, 214



Protanomaly

119, 123, 229



Deuteranomaly

126, 125, 210



Tritanomaly

166, 119, 164

Monochromacy



Original Color

174, 107, 214



Achromatopsia

139, 139, 139



Achromatomaly

152, 127, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 107, 214 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, 107, 214)` looks like.

```
.text, #text, p{  
    color:rgb(174, 107, 214)  
}
```

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, 107, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 107, 214) }
```

Border

The CSS property to change the border of an element to RGB 174, 107, 214 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, 107, 214) }
```

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

```
.border{ border-color:rgb(174, 107, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 107, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 107, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 107, 214);  
box-shadow:4px 4px 4px 4px rgb(174, 107,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 174, 107, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 107, 214) }
```

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

```
.background{ background-color: rgb(174,  
107, 214) }
```

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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