

Converting Colors

RGB(174, 90, 177)

Have a look what the booklet for
RGB(174, 90, 177) contains.

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Color

RGB(174, 90, 177)

Conversions

Conversions Part 1

Format	Color
Hex	AE5AB1
RGB	174, 90, 177
RGB Percent	68%, 35%, 69%
CMY	0.3176, 0.6471, 0.3059
CMYK	0.02, 0.49, 0.00, 0.31
HSL	298°, 36%, 52%
HSV	298°, 49%, 69%
XYZ	29.0475, 19.4853, 43.8250
YIQ	125.0340, 22.1370, 44.8650

Conversions

Conversions Part 2

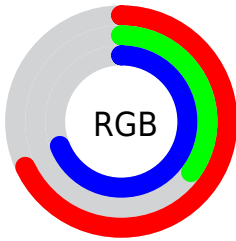
Format	Color
RYB	174, 90, 177
Decimal	11426481
CIELab	51.25, 46.92, -31.72
CIELCh	51, 56.635, 325.940
Yxy	19.4853, 0.3145, 0.2110
Android (android.graphics.Color)	4289616561 (0xFFAE5AB1)
YUV	125.0340, 25.6192, 42.9432
Hunter-Lab	44.1422, 40.2122, -27.9645

Details

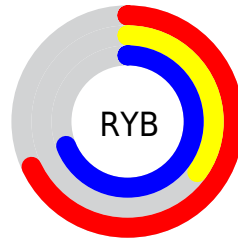
The RGB color **174, 90, 177** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **93, 177, 90**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **231, 143, 233**, and **119, 38, 124** is the 20% darker color. If you saturate the color by 10%, you get **173, 72, 177**, and if you desaturate by 10%, it is **175, 108, 177**.

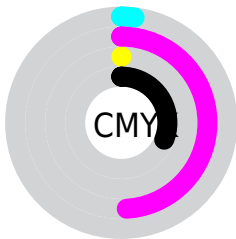
Distribution



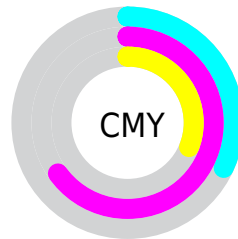
- Red (68%)
- Green (35%)
- Blue (69%)



- Red (68%)
- Yellow (35%)
- Blue (69%)



- Cyan (2%)
- Magenta (49%)
- Yellow (0%)
- Black (31%)



- Cyan (32%)
- Magenta (65%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the RGB color 174, 90, 177 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, 90, 177 by changing the saturation by 10% instead.

 174, 90, 177

255, 255, 255

 231, 143, 233

 255, 170, 255

 255, 198, 255

 255, 227, 255

 174, 90, 177

 146, 64, 150

 119, 38, 124

 93, 4, 99

 67, 0, 74

 45, 0, 52


 5, 0, 29

 0, 0, 0

 174, 90, 177

 173, 72, 177

 174, 90, 177

 175, 108, 177

■ 173, 55, 177

■ 175, 125, 177

■ 172, 37, 177

■ 176, 143, 177

■ 172, 19, 177

■ 176, 161, 177

■ 171, 1, 177

■ 177, 179, 177

■ 171, 0, 177

■ 178, 196, 177

■ 178, 214, 177

■ 179, 232, 177

■ 179, 249, 177

Harmonies

Analogous

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



109, 112, 210



174, 90, 177



205, 74, 131

Triad

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



174, 90, 177



151, 118, 4



0, 144, 163

Complementary

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



174, 90, 177



93, 177, 90

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, 144, 114



174, 90, 177



105, 132, 21

Square

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



174, 90, 177



187, 98, 40



30, 140, 65



0, 140, 202

Rectangle

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



174, 90, 177



209, 75, 98



30, 140, 65



0, 145, 147

Sweetspot

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



174, 90, 177



228, 195, 230



90, 94, 177



114, 94, 115



242, 242, 242



115, 115, 115

Same Dimension

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



174, 90, 177



225, 94, 230



177, 90, 138



89, 80, 89



148, 0, 153



25, 0, 26

Inverse Universe

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



177, 90, 93



230, 94, 99



90, 177, 129



89, 80, 81



153, 0, 5



26, 0, 1

Previews

White Background



This preview shows how the RGB color 174, 90, 177 looks on a white background.

Color Contrast Check

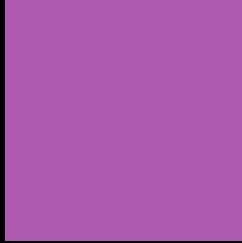
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

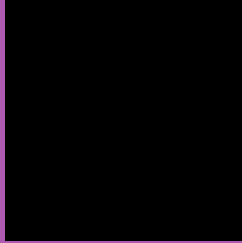
Any Text WCAG AA ✓ Pass

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, 90, 177 Background



This preview shows how black text looks on a background with the RGB color 174, 90, 177.

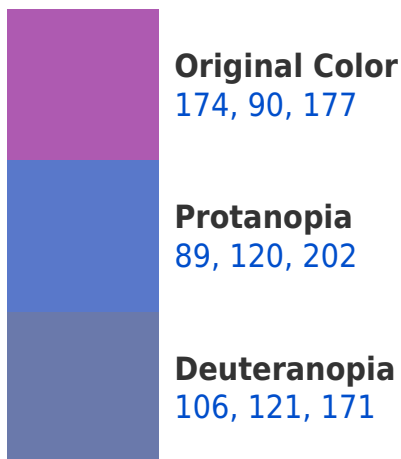



This preview shows how white text looks on a background with the RGB color 174, 90, 177.

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, 105, 113

Trichromacy



Original Color

174, 90, 177



Protanomaly

120, 109, 193



Deuteranomaly

131, 110, 173



Tritanomaly

169, 100, 136

Monochromacy



Original Color

174, 90, 177



Achromatopsia

125, 125, 125



Achromatomaly

143, 112, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 90, 177 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, 90, 177)` looks like.

```
.text, #text, p{  
    color:rgb(174, 90, 177)  
}
```

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, 90, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 90, 177) }
```

Border

The CSS property to change the border of an element to RGB 174, 90, 177 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, 90, 177) }
```

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

```
.border{ border-color:rgb(174, 90, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 90, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 90, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 90, 177);  
box-shadow:4px 4px 4px 4px rgb(174, 90,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 174, 90, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 90, 177) }
```

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

```
.background{ background-color: rgb(174, 90,  
177) }
```

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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