

Converting Colors

RGB(171, 98, 176)

Have a look what the booklet for
RGB(171, 98, 176) contains.

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Color

RGB(171, 98, 176)

Conversions

Conversions Part 1

Format	Color
Hex	AB62B0
RGB	171, 98, 176
RGB Percent	67%, 38%, 69%
CMY	0.3294, 0.6157, 0.3098
CMYK	0.03, 0.44, 0.00, 0.31
HSL	296°, 33%, 54%
HSV	296°, 44%, 69%
XYZ	28.9987, 20.5279, 43.5082
YIQ	128.7190, 18.4700, 39.7340

Conversions

Conversions Part 2

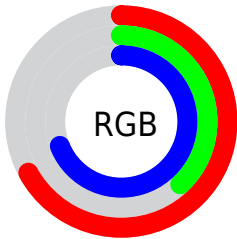
Format	Color
RYB	171, 98, 176
Decimal	11231920
CIELab	52.43, 41.65, -29.33
CIElCh	52, 50.941, 324.847
Yxy	20.5279, 0.3117, 0.2206
Android (android.graphics.Color)	4289422000 (0xFFAB62B0)
YUV	128.7190, 23.3095, 37.0804
Hunter-Lab	45.3077, 34.9587, -25.2197

Details

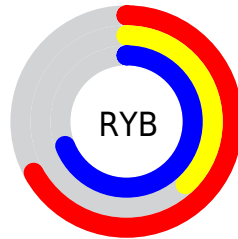
The RGB color **171, 98, 176** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **103, 176, 98**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **228, 151, 232**, and **117, 47, 123** is the 20% darker color. If you saturate the color by 10%, you get **170, 80, 176**, and if you desaturate by 10%, it is **172, 116, 176**.

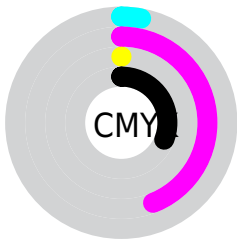
Distribution



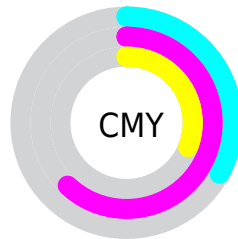
- Red (67%)
- Green (38%)
- Blue (69%)



- Red (67%)
- Yellow (38%)
- Blue (69%)



- Cyan (3%)
- Magenta (44%)
- Yellow (0%)
- Black (31%)




- Cyan (33%)
- Magenta (62%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 98, 176 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 171, 98, 176 by changing the saturation by 10% instead.

 171, 98, 176


255, 255, 255

 228, 151, 232

 255, 178, 255


 255, 206, 255

 255, 235, 255

 171, 98, 176

 144, 73, 149

 117, 47, 123


 91, 21, 98

 66, 0, 74

 43, 0, 51


 5, 0, 29

 0, 0, 0

 171, 98, 176

 170, 80, 176

 171, 98, 176

 172, 116, 176

169, 63, 176

173, 133, 176

168, 45, 176

174, 151, 176

166, 28, 176

176, 168, 176

165, 10, 176

177, 186, 176

165, 0, 176

178, 204, 176

179, 221, 176

180, 239, 176

181, 255, 176

Harmonies

Analogous

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



113, 117, 205



171, 98, 176



200, 85, 135

Triad

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



171, 98, 176



155, 120, 30



0, 146, 161

Complementary

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



171, 98, 176



103, 176, 98

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, 146, 116



171, 98, 176



113, 133, 39

Square

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



171, 98, 176



187, 103, 54



55, 142, 72



0, 142, 196

Rectangle

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



171, 98, 176



205, 85, 105



55, 142, 72



0, 146, 146

Sweetspot

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



171, 98, 176



228, 200, 230



98, 103, 176



114, 96, 115



242, 242, 242



115, 115, 115

Same Dimension

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



171, 98, 176



222, 108, 230



176, 98, 142



89, 80, 89



143, 0, 153



24, 0, 26

Inverse Universe

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



176, 98, 103



230, 108, 116



98, 176, 132



89, 80, 81



153, 0, 10



26, 0, 2

Previews

White Background



This preview shows how the RGB color 171, 98, 176 looks on a white background.

Color Contrast Check

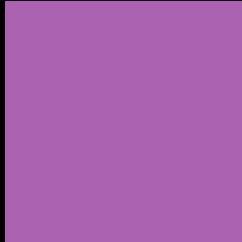
Large Text (above 18pt) WCAG AA ✓ Pass

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 171, 98, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

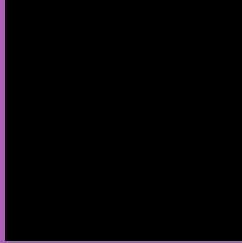
Any Text WCAG AA ✓ Pass

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 171, 98, 176 Background



This preview shows how black text looks on a background with the RGB color 171, 98, 176.

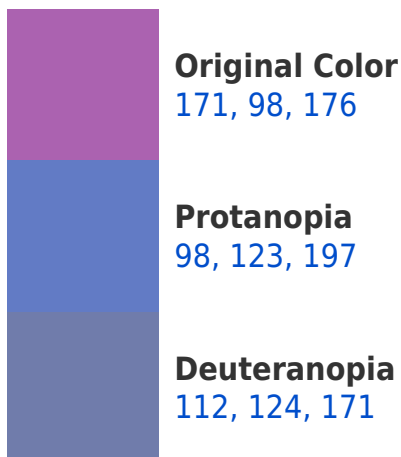



This preview shows how white text looks on a background with the RGB color 171, 98, 176.

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
164, 111, 119

Trichromacy



Original Color

171, 98, 176



Protanomaly

125, 114, 189



Deuteranomaly

133, 115, 173



Tritanomaly

167, 106, 140

Monochromacy



Original Color

171, 98, 176



Achromatopsia

129, 129, 129



Achromatomaly

144, 118, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 98, 176 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(171, 98, 176)` looks like.

```
.text, #text, p{  
    color:rgb(171, 98, 176)  
}
```

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(171, 98, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 98, 176) }
```

Border

The CSS property to change the border of an element to RGB 171, 98, 176 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(171, 98, 176) }
```

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

```
.border{ border-color:rgb(171, 98, 176) }
```

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

Here you see how a box with a 4 pixel rgb(171, 98, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 98, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 98, 176);  
box-shadow:4px 4px 4px 4px rgb(171, 98,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 171, 98, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 98, 176) }
```

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

```
.background{ background-color: rgb(171, 98,  
176) }
```

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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