

Converting Colors

RGB(176, 115, 181)

Have a look what the booklet for
RGB(176, 115, 181) contains.

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Color

RGB(176, 115, 181)

Conversions

Conversions Part 1

Format	Color
Hex	B073B5
RGB	176, 115, 181
RGB Percent	69%, 45%, 71%
CMY	0.3098, 0.5490, 0.2902
CMYK	0.03, 0.36, 0.00, 0.29
HSL	295°, 31%, 58%
HSV	295°, 36%, 71%
XYZ	32.3757, 24.8278, 46.8019
YIQ	140.7630, 15.1700, 33.4580

Conversions

Conversions Part 2

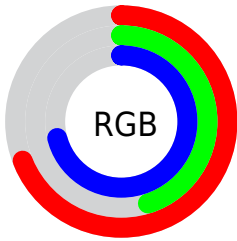
Format	Color
RYB	176, 115, 181
Decimal	11563957
CIELab	56.91, 34.94, -25.24
CIELCh	57, 43.097, 324.158
Yxy	24.8278, 0.3113, 0.2387
Android (android.graphics.Color)	4289754037 (0xFFB073B5)
YUV	140.7630, 19.8368, 30.9028
Hunter-Lab	49.8275, 28.7834, -20.8106

Details

The RGB color **176, 115, 181** is a light color, and the websafe version is hex **996699**. A complement of this color would be **120, 181, 115**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **233, 168, 237**, and **122, 65, 128** is the 20% darker color. If you saturate the color by 10%, you get **175, 97, 181**, and if you desaturate by 10%, it is **177, 133, 181**.

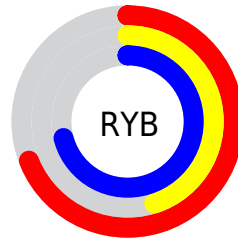
Distribution



Red (69%)

Green (45%)

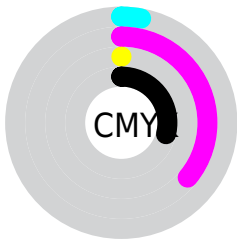
Blue (71%)



Red (69%)

Yellow (45%)

Blue (71%)

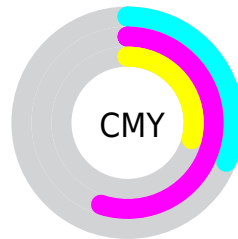


Cyan (3%)

Magenta (36%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (55%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the RGB color 176, 115, 181 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 176, 115, 181 by changing the saturation by 10% instead.

 176, 115, 181


255, 255, 255

 233, 168, 237

 255, 196, 255

 255, 224, 255


 255, 253, 255

 176, 115, 181

 149, 90, 154

 122, 65, 128

 96, 41, 103

 71, 16, 78


 47, 0, 55

 25, 0, 34


 0, 0, 6


 0, 0, 0


 176, 115, 181

 176, 115, 181


 175, 97, 181


 177, 133, 181


 173, 79, 181

 179, 151, 181

 172, 61, 181

 180, 169, 181

 171, 43, 181

 181, 187, 181

 169, 25, 181

 183, 206, 181

 168, 6, 181

 184, 224, 181

 167, 0, 181

 186, 242, 181

 187, 255, 181

 188, 255, 181

Harmonies

Analogous

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



128, 130, 205



176, 115, 181



202, 105, 146

Triad

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



176, 115, 181



165, 132, 60



0, 155, 166

Complementary

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



176, 115, 181



120, 181, 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, 155, 128



176, 115, 181



128, 144, 65

Square

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



176, 115, 181



193, 118, 77



83, 151, 91



0, 151, 197

Rectangle

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



176, 115, 181



207, 105, 120



83, 151, 91



0, 156, 154

Sweetspot

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



176, 115, 181



233, 209, 235



115, 120, 181



116, 102, 117



245, 245, 245



117, 117, 117

Same Dimension

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



176, 115, 181



227, 131, 235



181, 115, 154



89, 80, 89



141, 0, 153



24, 0, 26

Inverse Universe

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



181, 115, 120



235, 131, 139



115, 181, 143



89, 80, 81



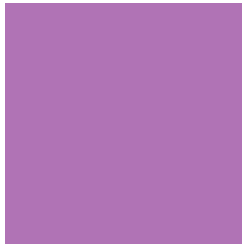
153, 0, 12



26, 0, 2

Previews

White Background



This preview shows how the RGB color 176, 115, 181 looks on a white background.

Color Contrast Check

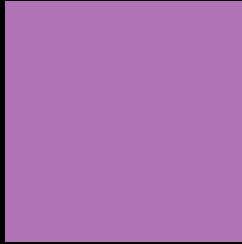
Large Text (above 18pt) WCAG AA ✓ Pass

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 176, 115, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

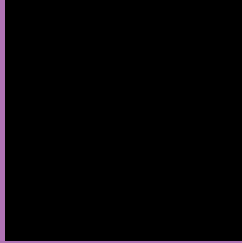
Any Text WCAG AA ✓ Pass

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 176, 115, 181 Background



This preview shows how black text looks on a background with the RGB color 176, 115, 181.



This preview shows how white text looks on a background with the RGB color 176, 115, 181.

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



Original Color
176, 115, 181

Protanopia
117, 135, 196

Deuteranopia
129, 135, 177



Tritanopia
170, 125, 134

Trichromacy



Original Color
176, 115, 181

Protanomaly
138, 128, 191

Deuteranomaly
146, 128, 178

Tritanomaly
172, 121, 151

Monochromacy



Original Color
176, 115, 181

Achromatopsia
141, 141, 141

Achromatomaly
154, 132, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 115, 181 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(176, 115, 181)` looks like.

```
.text, #text, p{  
    color:rgb(176, 115, 181)  
}
```

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(176, 115, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 115, 181) }
```

Border

The CSS property to change the border of an element to RGB 176, 115, 181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

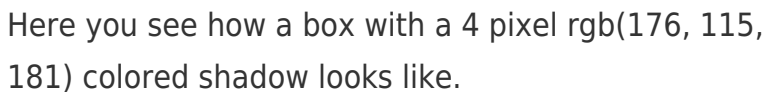
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 115, 181) }
```

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

```
.border{ border-color:rgb(176, 115, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 115, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 115, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 115, 181); box-shadow:4px 4px 4px 4px rgb(176, 115, 181) }
```

Background

The CSS property to change the background color of an element to RGB 176, 115, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 115, 181) }
```

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

```
.background{ background-color: rgb(176,  
115, 181) }
```

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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