

Converting Colors

RGB(178, 107, 165)

Have a look what the booklet for
RGB(178, 107, 165) contains.

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Color

RGB(178, 107, 165)

Conversions

Conversions Part 1

Format	Color
Hex	B26BA5
RGB	178, 107, 165
RGB Percent	70%, 42%, 65%
CMY	0.3020, 0.5804, 0.3529
CMYK	0.00, 0.40, 0.07, 0.30
HSL	311°, 32%, 56%
HSV	311°, 40%, 70%
XYZ	30.4093, 22.6970, 38.3755
YIQ	134.8410, 23.6980, 33.0900

Conversions

Conversions Part 2

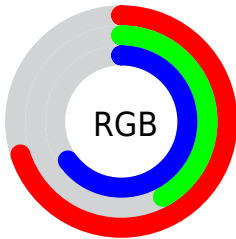
Format	Color
R_{YB}	178, 107, 165
Decimal	11692965
CIE _{Lab}	54.76, 36.98, -19.28
CIE _{LCh}	55, 41.701, 332.469
Yxy	22.6970, 0.3324, 0.2481
Android (android.graphics.Color)	4289883045 (0xFFB26BA5)
YUV	134.8410, 14.8684, 37.8504
Hunter-Lab	47.6413, 30.5636, -14.4097

Details

The RGB color **178, 107, 165** is a light color, and the websafe version is hex **996699**. A complement of this color would be **107, 178, 120**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **235, 160, 220**, and **124, 57, 113** is the 20% darker color. If you saturate the color by 10%, you get **178, 89, 162**, and if you desaturate by 10%, it is **178, 125, 168**.

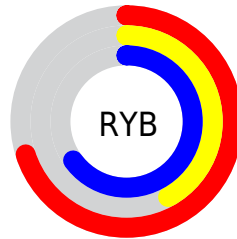
Distribution



Red (70%)

Green (42%)

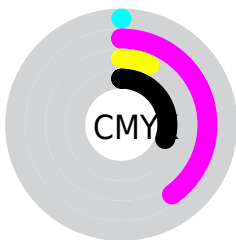
Blue (65%)



Red (70%)

Yellow (42%)

Blue (65%)

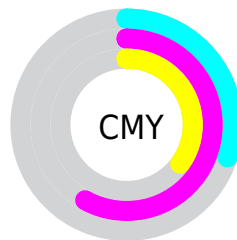


Cyan (0%)

Magenta (40%)

Yellow (7%)

Black (30%)



Cyan (30%)

Magenta (58%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 107, 165 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 178, 107, 165 by changing the saturation by 10% instead.

 178, 107, 165

255, 255, 255


 235, 160, 220

 255, 187, 249

 255, 215, 255

 255, 244, 255

 178, 107, 165

 151, 82, 139

 124, 57, 113

 98, 32, 88

 73, 4, 65


 49, 0, 43


 22, 0, 22


 0, 0, 0

 178, 107, 165


 178, 89, 162


 178, 107, 165


 178, 125, 168


 178, 71, 158


 178, 143, 172


 178, 54, 155

 178, 160, 175

 178, 36, 152

 178, 178, 178

 178, 18, 149

 178, 196, 181

 178, 0, 145

 178, 214, 185

 178, 0, 145

 178, 232, 188

 178, 249, 191

 178, 255, 194

Harmonies

Analogous

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



138, 120, 192



178, 107, 165



197, 100, 129

Triad

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



178, 107, 165



149, 130, 56



0, 148, 169

Complementary

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



178, 107, 165



107, 178, 120

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, 149, 133



178, 107, 165



112, 140, 68

Square

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



178, 107, 165



179, 117, 67



64, 147, 96



0, 143, 194

Rectangle

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



178, 107, 165



199, 102, 105



64, 147, 96



0, 149, 157

Sweetspot

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



178, 107, 165



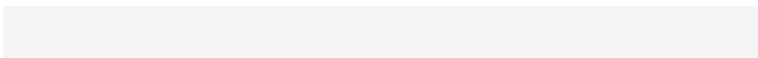
232, 204, 227



119, 107, 178



117, 101, 114



245, 245, 245



117, 117, 117

Same Dimension

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



178, 107, 165



232, 121, 212



178, 107, 131



89, 80, 88



153, 0, 125



26, 0, 21

Inverse Universe

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



178, 107, 165



232, 121, 212



107, 178, 154



89, 80, 88



153, 0, 125



26, 0, 21

Previews

White Background



This preview shows how the RGB color 178, 107, 165 looks on a white background.

Color Contrast Check

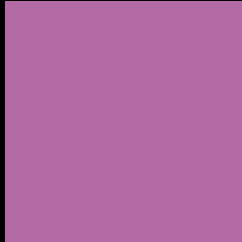
Large Text (above 18pt) WCAG AA ✓ Pass

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 178, 107, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

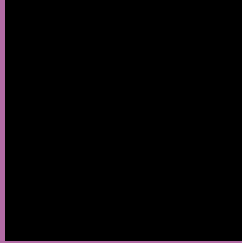
Any Text WCAG AA ✓ Pass

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 178, 107, 165 Background



This preview shows how black text looks on a background with the RGB color 178, 107, 165.

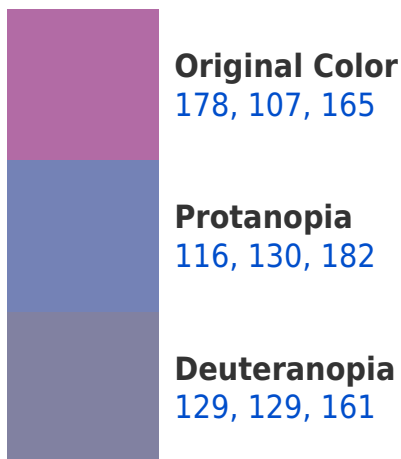



This preview shows how white text looks on a background with the RGB color 178, 107, 165.

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
173, 115, 124

Trichromacy



Original Color
178, 107, 165

Protanomaly
139, 122, 176

Deuteranomaly
147, 121, 162

Tritanomaly
175, 112, 139

Monochromacy



Original Color
178, 107, 165

Achromatopsia
135, 135, 135

Achromatomaly
151, 125, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 107, 165 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(178, 107, 165)` looks like.

```
.text, #text, p{  
    color:rgb(178, 107, 165)  
}
```

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(178, 107, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 107, 165) }
```

Border

The CSS property to change the border of an element to RGB 178, 107, 165 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(178, 107, 165) }
```

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

```
.border{ border-color:rgb(178, 107, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 107, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 107, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 107, 165);  
box-shadow:4px 4px 4px 4px rgb(178, 107,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 178, 107, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 107, 165) }
```

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

```
.background{ background-color: rgb(178,  
107, 165) }
```

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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