

Converting Colors

RGB(177, 109, 225)

Have a look what the booklet for
RGB(177, 109, 225) contains.

RGB(177, 109, 225)	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(177, 109, 225)

Conversions

Conversions Part 1

Format	Color
Hex	B16DE1
RGB	177, 109, 225
RGB Percent	69%, 43%, 88%
CMY	0.3059, 0.5725, 0.1176
CMYK	0.21, 0.52, 0.00, 0.12
HSL	275°, 66%, 65%
HSV	275°, 52%, 88%
XYZ	37.1907, 25.7206, 74.2386
YIQ	142.5560, 3.2920, 50.4920

Conversions

Conversions Part 2

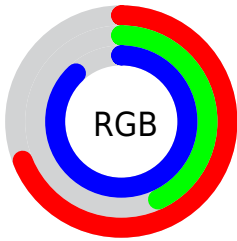
Format	Color
R_{YB}	177, 109, 225
Decimal	11628001
CIE _{Lab}	57.77, 47.73, -48.84
CIE _{LCh}	58, 68.289, 314.343
Yxy	25.7206, 0.2712, 0.1875
Android (android.graphics.Color)	4289818081 (0xFFB16DE1)
YUV	142.5560, 40.6449, 30.2074
Hunter-Lab	50.7155, 42.1455, -51.2893

Details

The RGB color **177, 109, 225** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **157, 225, 109**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **235, 162, 255**, and **121, 58, 169** is the 20% darker color. If you saturate the color by 10%, you get **168, 87, 225**, and if you desaturate by 10%, it is **186, 132, 225**.

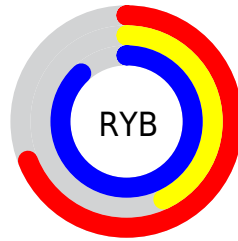
Distribution



Red (69%)

Green (43%)

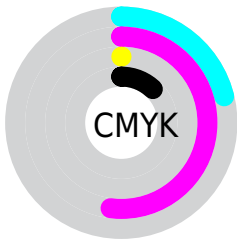
Blue (88%)



Red (69%)

Yellow (43%)

Blue (88%)

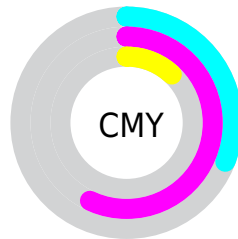


Cyan (21%)

Magenta (52%)

Yellow (0%)

Black (12%)



Cyan (31%)

Magenta (57%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 109, 225 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 177, 109, 225 by changing the saturation by 10% instead.

 177, 109, 225

255, 255, 255

 235, 162, 255


 255, 190, 255

 255, 219, 255

 255, 247, 255

 177, 109, 225


 149, 83, 197

 121, 58, 169

 94, 32, 142

 67, 0, 116


 40, 0, 91

 14, 0, 67


 0, 3, 43


 0, 1, 22


 0, 0, 0

 177, 109, 225

 177, 109, 225

 168, 87, 225


 186, 132, 225


 158, 64, 225

 196, 154, 225

 149, 41, 225

 205, 177, 225

 140, 19, 225

 214, 199, 225

 132, 0, 225

 224, 222, 225

 233, 244, 225

 242, 255, 225

 251, 255, 225

 255, 255, 225

Harmonies

Analogous

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



56, 136, 255



177, 109, 225



229, 82, 173

Triad

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



177, 109, 225



192, 124, 0



0, 166, 167

Complementary

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



177, 109, 225



157, 225, 109

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, 164, 104



177, 109, 225



140, 145, 0

Square

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



177, 109, 225



229, 98, 57



68, 158, 44



0, 164, 221

Rectangle

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



177, 109, 225



243, 74, 133



68, 158, 44



0, 166, 146

Sweetspot

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



177, 109, 225



239, 217, 255



109, 157, 225



118, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



177, 109, 225



190, 97, 255



225, 109, 215



108, 101, 112



103, 0, 176



28, 0, 48

Inverse Universe

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



225, 109, 157



255, 97, 162



109, 225, 119



112, 101, 106



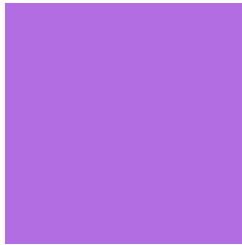
176, 0, 73



48, 0, 20

Previews

White Background



This preview shows how the RGB color 177, 109, 225 looks on a white background.

Color Contrast Check

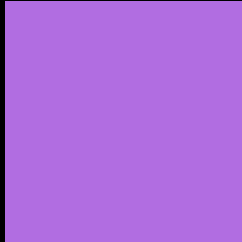
Large Text (above 18pt) WCAG AA ✓ Pass

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 177, 109, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

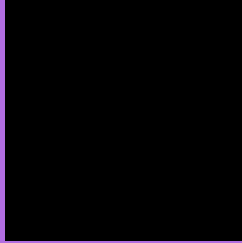
Any Text WCAG AA ✓ Pass

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 177, 109, 225 Background



This preview shows how black text looks on a background with the RGB color 177, 109, 225.

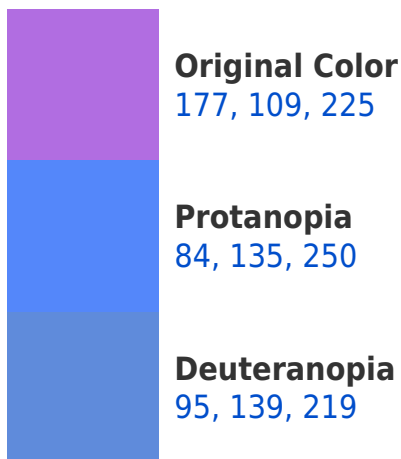



This preview shows how white text looks on a background with the RGB color 177, 109, 225.

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
163, 130, 140

Trichromacy



Original Color

177, 109, 225



Protanomaly

118, 126, 241



Deuteranomaly

125, 128, 221



Tritanomaly

168, 122, 171

Monochromacy



Original Color

177, 109, 225



Achromatopsia

143, 143, 143



Achromatomaly

155, 131, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 109, 225 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(177, 109, 225)` looks like.

```
.text, #text, p{  
    color:rgb(177, 109, 225)  
}
```

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(177, 109, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 109, 225) }
```

Border

The CSS property to change the border of an element to RGB 177, 109, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

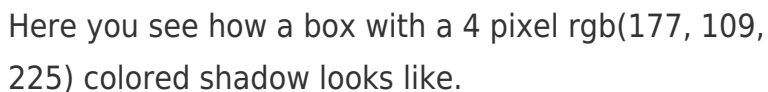
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 109, 225) }
```

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

```
.border{ border-color:rgb(177, 109, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 109, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 109, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 109, 225); box-shadow:4px 4px 4px 4px rgb(177, 109, 225) }
```

Background

The CSS property to change the background color of an element to RGB 177, 109, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 109, 225) }
```

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

```
.background{ background-color: rgb(177,  
109, 225) }
```

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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