

Converting Colors

RGB(177, 40, 245)

Have a look what the booklet for
RGB(177, 40, 245) contains.

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Color

RGB(177, 40, 245)

Conversions

Conversions Part 1

Format	Color
Hex	B128F5
RGB	177, 40, 245
RGB Percent	69%, 16%, 96%
CMY	0.3059, 0.8431, 0.0392
CMYK	0.28, 0.84, 0.00, 0.04
HSL	280°, 91%, 56%
HSV	280°, 84%, 96%
XYZ	35.3717, 17.4573, 87.8915
YIQ	104.3330, 15.8470, 92.7990

Conversions

Conversions Part 2

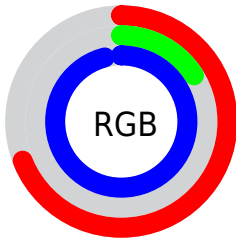
Format	Color
RYB	177, 40, 245
Decimal	11610357
CIELab	48.83, 80.20, -74.44
CIELCh	49, 109.426, 317.133
Yxy	17.4573, 0.2514, 0.1241
Android (android.graphics.Color)	4289800437 (0xFFB128F5)
YUV	104.3330, 69.3488, 63.7290
Hunter-Lab	41.7819, 77.9961, -95.4738

Details

The RGB color **177, 40, 245** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **108, 245, 40**, and the grayscale version is **104, 104, 104**.

A 20% lighter version of the original color is **238, 105, 255**, and **117, 0, 187** is the 20% darker color. If you saturate the color by 10%, you get **169, 15, 245**, and if you desaturate by 10%, it is **185, 64, 245**.

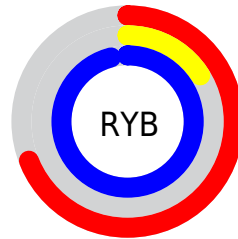
Distribution



Red (69%)

Green (16%)

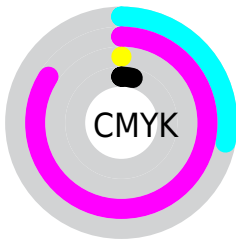
Blue (96%)



Red (69%)

Yellow (16%)

Blue (96%)

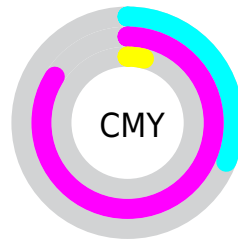


Cyan (28%)

Magenta (84%)

Yellow (0%)

Black (4%)



Cyan (31%)



















Magenta (84%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 40, 245 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, 40, 245 by changing the saturation by 10% instead.

 177, 40, 245	 177, 40, 245
 255, 255, 255	 147, 0, 216
 238, 105, 255	 117, 0, 187
 255, 134, 255	 87, 0, 160
 255, 163, 255	 54, 0, 133
 255, 193, 255	 18, 0, 106
 255, 222, 255	 0, 0, 81
 255, 252, 255	 0, 5, 57
	 0, 2, 34
	 0, 0, 8

■ 177, 40, 245

■ 177, 40, 245

■ 169, 15, 245

■ 185, 64, 245

■ 164, 0, 245

■ 193, 89, 245

■ 201, 114, 245

■ 210, 138, 245

■ 218, 163, 245

■ 226, 187, 245

■ 234, 211, 245

■ 242, 236, 245

■ 250, 255, 245

Harmonies

Analogous

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



0, 112, 255



177, 40, 245



253, 0, 160

Triad

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



177, 40, 245



174, 98, 0



0, 150, 169

Complementary

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



177, 40, 245



108, 245, 40

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, 147, 71



177, 40, 245



91, 128, 0

Square

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



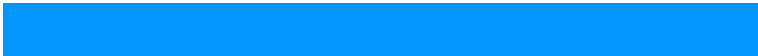
177, 40, 245



234, 4, 0



0, 142, 0



0, 150, 253

Rectangle

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



177, 40, 245



255, 0, 99



0, 142, 0



0, 149, 137

Sweetspot

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



177, 40, 245



234, 191, 255



40, 108, 245



115, 89, 128



0, 0, 0



128, 128, 128

Same Dimension

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



177, 40, 245



170, 0, 255



245, 40, 211



118, 110, 122



124, 0, 186



39, 0, 59

Inverse Universe

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



245, 40, 108



255, 0, 85



40, 245, 74



122, 110, 114



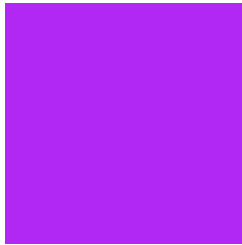
186, 0, 62



59, 0, 19

Previews

White Background



This preview shows how the RGB color 177, 40, 245 looks on a white background.

Color Contrast Check

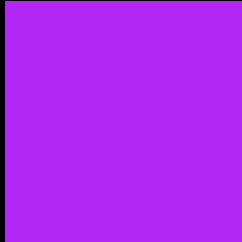
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 177, 40, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

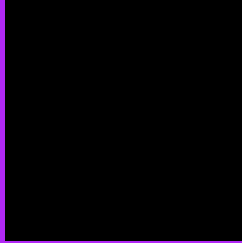
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 177, 40, 245 Background



This preview shows how black text looks on a background with the RGB color 177, 40, 245.

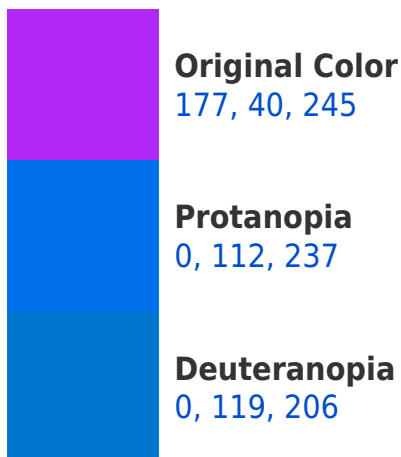



This preview shows how white text looks on a background with the RGB color 177, 40, 245.

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
154, 101, 109

Trichromacy



Original Color

177, 40, 245



Protanomaly

64, 86, 240



Deuteranomaly

64, 90, 220



Tritanomaly

162, 79, 158

Monochromacy



Original Color

177, 40, 245



Achromatopsia

104, 104, 104



Achromatomaly

131, 81, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 40, 245 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, 40, 245)` looks like.

```
.text, #text, p{  
    color:rgb(177, 40, 245)  
}
```

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, 40, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 40, 245) }
```

Border

The CSS property to change the border of an element to RGB 177, 40, 245 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, 40, 245) }
```

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

```
.border{ border-color:rgb(177, 40, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 40, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 40, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 40, 245);  
box-shadow:4px 4px 4px 4px rgb(177, 40,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 177, 40, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 40, 245) }
```

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

```
.background{ background-color: rgb(177, 40,  
245) }
```

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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