

Converting Colors

`RYB(177, 100, 254)`

Have a look what the booklet for
RYB(177, 100, 254) contains.

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Color

`RYB(177, 100, 254)`

Conversions

Conversions Part 1

Format	Color
Hex	B164FE
RGB	177, 100, 254
RGB Percent	69%, 39%, 100%
CMY	0.3059, 0.6078, 0.0039
CMYK	0.30, 0.61, 0.00, 0.00
HSL	270°, 99%, 69%
HSV	270°, 61%, 100%
XYZ	40.5780, 25.6172, 96.5718
YIQ	140.5790, -3.5420, 64.2180

Conversions

Conversions Part 2

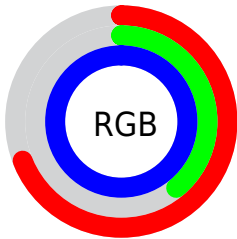
Format	Color
R _Y B	177, 100, 254
Decimal	11625726
CIE Lab	57.67, 58.94, -65.14
CIE LCh	58, 87.845, 312.140
Yxy	25.6172, 0.2493, 0.1574
Android (android.graphics.Color)	4289815806 (0xFFB164FE)
YUV	140.5790, 55.9166, 31.9412
Hunter-Lab	50.6134, 54.5342, -77.6975

Details

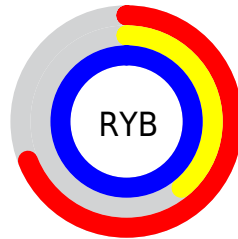
The RYB color **177, 100, 254** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **100, 254, 177**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **236, 154, 255**, and **119, 46, 196** is the 20% darker color. If you saturate the color by 10%, you get **164, 75, 254**, and if you desaturate by 10%, it is **190, 125, 254**.

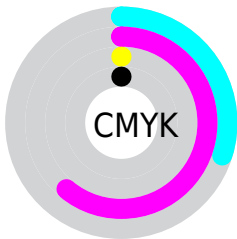
Distribution



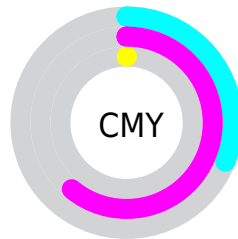
- Red (69%)
- Green (39%)
- Blue (100%)



- Red (69%)
- Yellow (39%)
- Blue (100%)



- Cyan (30%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 177, 100, 254 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 RYB color 177, 100, 254 by changing the saturation by 10% instead.

 177, 100, 254

 177, 100, 254


255, 255, 255

 148, 73, 225

 236, 154, 255

 119, 46, 196

 255, 182, 255

 90, 14, 168

 255, 210, 255

 60, 0, 141

 255, 239, 255

 24, 0, 115

 0, 0, 90

 0, 2, 65

 0, 3, 42

 0, 1, 20

■ 177, 100, 254

■ 177, 100, 254

■ 164, 75, 254

■ 190, 125, 254

■ 152, 49, 254

■ 202, 151, 254

■ 139, 24, 254

■ 215, 176, 254

■ 127, 0, 254

■ 228, 202, 254

■ 241, 227, 254

■ 253, 252, 254

254, 255, 254

Harmonies

Analogous

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



0, 90, 255



177, 100, 254



249, 44, 188

Triad

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



177, 100, 254



151, 205, 0



0, 86, 171

Complementary

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



177, 100, 254



100, 254, 177

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, 110, 168



177, 100, 254



0, 145, 5

Square

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



177, 100, 254



251, 83, 35



0, 161, 127



0, 99, 241

Rectangle

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



177, 100, 254



255, 2, 137



0, 161, 127



0, 93, 170

Sweetspot

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



177, 100, 254



232, 209, 255



100, 151, 254



113, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



177, 100, 254



162, 69, 255



254, 100, 254



121, 115, 128



96, 0, 191



32, 0, 64

Inverse Universe

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



254, 100, 177



255, 69, 162



100, 254, 254



128, 115, 121



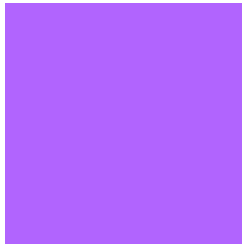
191, 0, 96



64, 0, 32

Previews

White Background



This preview shows how the RYB color 177, 100, 254 looks on a white background.

Color Contrast Check

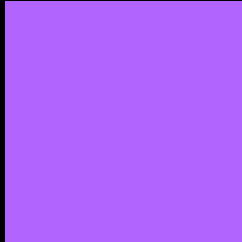
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 177, 100, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

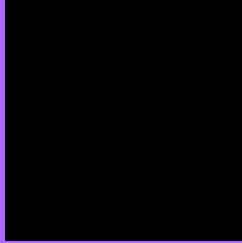
Any Text WCAG AA ✓ Pass

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, 100, 254 Background



This preview shows how black text looks on a background with the RGB color 177, 100, 254.

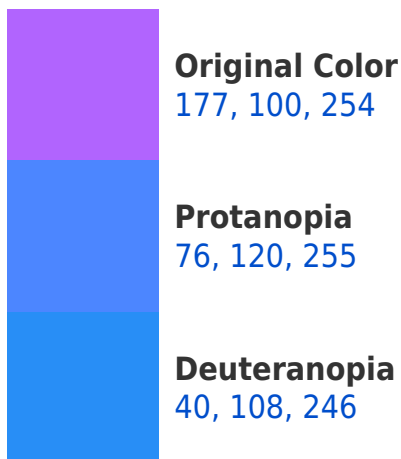



This preview shows how white text looks on a background with the RGB color 177, 100, 254.

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
156, 132, 142

Trichromacy



Original Color

177, 100, 254



Protanomaly

113, 121, 255



Deuteranomaly

90, 119, 249



Tritanomaly

164, 120, 183

Monochromacy



Original Color

177, 100, 254



Achromatopsia

141, 141, 141



Achromatomaly

154, 126, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 100, 254 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, 100, 254)` looks like.

```
.text, #text, p{  
    color:rgb(177, 100, 254)  
}
```

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, 100, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 100, 254) }
```

Border

The CSS property to change the border of an element to RYB 177, 100, 254 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, 100, 254) }
```

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

```
.border{ border-color:rgb(177, 100, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 100, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 100, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 100, 254);  
box-shadow:4px 4px 4px 4px rgb(177, 100,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 177, 100, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 100, 254) }
```

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

```
.background{ background-color: rgb(177,  
100, 254) }
```

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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