

Converting Colors

`RYB(177, 151, 208)`

Have a look what the booklet for
RYB(177, 151, 208) contains.

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Color

R_YB(177, 151, 208)

Conversions

Conversions Part 1

Format	Color
Hex	B197D0
RGB	177, 151, 208
RGB Percent	69%, 59%, 82%
CMY	0.3059, 0.4078, 0.1843
CMYK	0.15, 0.27, 0.00, 0.18
HSL	267°, 38%, 70%
HSV	267°, 27%, 82%
XYZ	40.5832, 36.0344, 64.4909
YIQ	165.2720, -2.8010, 23.2390

Conversions

Conversions Part 2

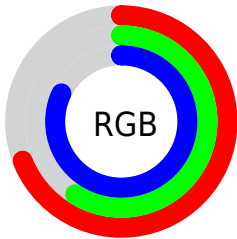
Format	Color
RYB	177, 151, 208
Decimal	11638736
CIELab	66.55, 20.70, -25.64
CIElCh	67, 32.956, 308.920
Yxy	36.0344, 0.2876, 0.2554
Android (android.graphics.Color)	4289828816 (0xFFB197D0)
YUV	165.2720, 21.0649, 10.2855
Hunter-Lab	60.0287, 15.6273, -21.6773

Details

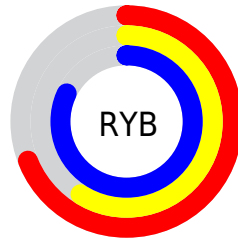
The RYB color **177, 151, 208** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **151, 208, 177**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **233, 205, 255**, and **124, 100, 153** is the 20% darker color. If you saturate the color by 10%, you get **166, 130, 208**, and if you desaturate by 10%, it is **188, 172, 208**.

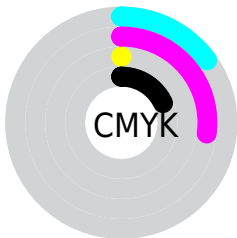
Distribution



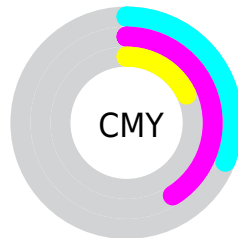
- Red (69%)
- Green (59%)
- Blue (82%)



- Red (69%)
- Yellow (59%)
- Blue (82%)



- Cyan (15%)
- Magenta (27%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (41%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 151, 208 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, 151, 208 by changing the saturation by 10% instead.

 177, 151, 208


255, 255, 255

 233, 205, 255

 255, 234, 255

 177, 151, 208

 150, 125, 180

 124, 100, 153

 98, 76, 127

 74, 53, 102

 50, 31, 78

 27, 10, 55

 0, 0, 33

 0, 0, 6

 0, 0, 0

■ 177, 151, 208

■ 177, 151, 208

■ 166, 130, 208

■ 188, 172, 208

■ 154, 109, 208

■ 200, 193, 208

■ 143, 89, 208

■ 208, 213, 210

■ 132, 68, 208

■ 208, 234, 220

■ 120, 47, 208

■ 208, 255, 229

■ 109, 26, 208

■ 208, 255, 218

■ 98, 5, 208

■ 208, 255, 208

■ 95, 0, 208

Harmonies

Analogous

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



135, 155, 220



177, 151, 208



207, 142, 184

Triad

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



177, 151, 208



200, 198, 107



70, 126, 178

Complementary

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



177, 151, 208



151, 208, 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.



105, 153, 176



177, 151, 208



115, 173, 103

Square

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



177, 151, 208



217, 148, 126



115, 171, 145



56, 121, 198

Rectangle

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



177, 151, 208



217, 139, 164



115, 171, 145



81, 134, 178

Sweetspot

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



177, 151, 208



244, 235, 255



151, 171, 208



121, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



177, 151, 208



209, 171, 255



205, 151, 208



99, 94, 105



77, 0, 168



19, 0, 41

Inverse Universe

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



208, 151, 182



255, 171, 217



151, 208, 205



105, 94, 100



168, 0, 92



41, 0, 22

Previews

White Background



This preview shows how the RYB color 177, 151, 208 looks on a white background.

Color Contrast Check

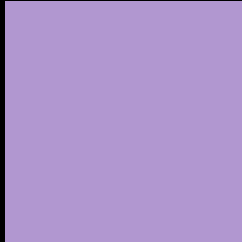
Large Text (above 18pt) WCAG AA × Fail

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, 151, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

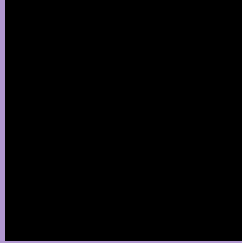
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 177, 151, 208 Background



This preview shows how black text looks on a background with the RYB color 177, 151, 208.

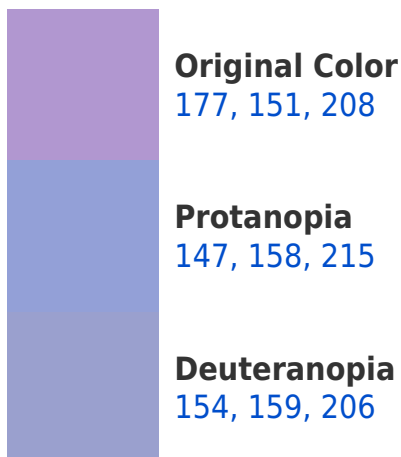


This preview shows how white text looks on a background with the RYB color 177, 151, 208.

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
171, 158, 171

Trichromacy



Original Color
177, 151, 208

Protanomaly
158, 157, 212

Deuteranomaly
162, 156, 207

Tritanomaly
173, 155, 184

Monochromacy



Original Color
177, 151, 208

Achromatopsia
165, 165, 165

Achromatomaly
169, 160, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 151, 208 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, 151, 208)` looks like.

```
.text, #text, p{  
    color:rgb(177, 151, 208)  
}
```

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, 151, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 151, 208) }
```

Border

The CSS property to change the border of an element to RYB 177, 151, 208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

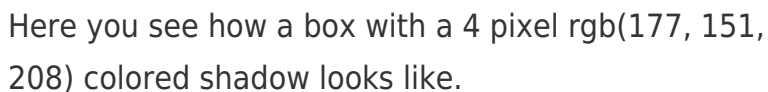
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 151, 208) }
```

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

```
.border{ border-color:rgb(177, 151, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 151, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 151, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 151, 208);  
box-shadow:4px 4px 4px 4px rgb(177, 151,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 177, 151, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 151, 208) }
```

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

```
.background{ background-color: rgb(177,  
151, 208) }
```

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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