

Converting Colors

`RYB(177, 166, 209)`

Have a look what the booklet for
RYB(177, 166, 209) contains.

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Color

R_YB(177, 166, 209)

Conversions

Conversions Part 1

Format	Color
Hex	B1A6D1
RGB	177, 166, 209
RGB Percent	69%, 65%, 82%
CMY	0.3059, 0.3490, 0.1804
CMYK	0.15, 0.21, 0.00, 0.18
HSL	255°, 32%, 74%
HSV	255°, 21%, 82%
XYZ	43.2763, 41.2230, 65.9975
YIQ	174.1910, -7.2470, 15.7050

Conversions

Conversions Part 2

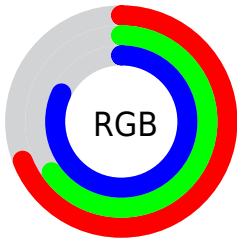
Format	Color
R _{YB}	177, 166, 209
Decimal	11642577
CIE Lab	70.33, 12.54, -20.41
CIE LCh	70, 23.954, 301.559
Yxy	41.2230, 0.2876, 0.2739
Android (android.graphics.Color)	4289832657 (0xFFB1A6D1)
YUV	174.1910, 17.1608, 2.4635
Hunter-Lab	64.2051, 7.9557, -16.0016

Details

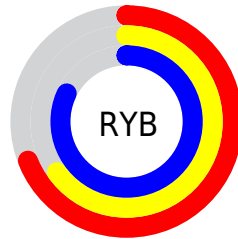
The RYB color **177, 166, 209** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **166, 209, 177**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **233, 221, 255**, and **124, 114, 154** is the 20% darker color. If you saturate the color by 10%, you get **161, 145, 209**, and if you desaturate by 10%, it is **193, 187, 209**.

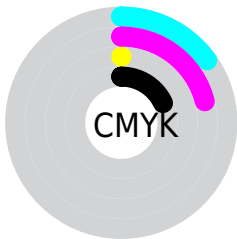
Distribution



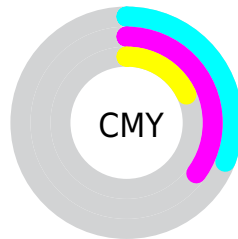
- Red (69%)
- Green (65%)
- Blue (82%)



- Red (69%)
- Yellow (65%)
- Blue (82%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 166, 209 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, 166, 209 by changing the saturation by 10% instead.

■ 177, 166, 209

255, 255, 255

■ 233, 221, 255

■ 255, 250, 255

■ 177, 166, 209

■ 150, 140, 181

■ 124, 114, 154

■ 99, 90, 128

■ 74, 66, 103

■ 51, 44, 79

■ 29, 23, 56

■ 9, 0, 35

■ 0, 0, 9

■ 0, 0, 0

■ 177, 166, 209

■ 177, 166, 209

■ 161, 145, 209

■ 193, 187, 209

■ 146, 124, 209

■ 208, 208, 209

■ 130, 103, 209

■ 209, 229, 214

■ 115, 82, 209

■ 209, 250, 220

■ 99, 62, 209

■ 209, 255, 209

■ 84, 41, 209

■ 68, 20, 209

■ 53, 0, 209

Harmonies

Analogous

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



147, 166, 215



177, 166, 209



201, 159, 193

Triad

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



177, 166, 209



206, 185, 134



118, 154, 184

Complementary

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



177, 166, 209



166, 209, 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.



139, 173, 182



177, 166, 209



151, 187, 129

Square

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



177, 166, 209



216, 159, 150



135, 178, 150



109, 149, 194

Rectangle

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



177, 166, 209



211, 157, 179



135, 178, 150



124, 160, 184

Sweetspot

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



177, 166, 209



244, 240, 255



166, 184, 209



121, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



177, 166, 209



208, 191, 255



198, 166, 209



97, 94, 105



43, 0, 168



10, 0, 41

Inverse Universe

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



209, 166, 198



255, 191, 239



166, 209, 198



105, 94, 102



168, 0, 125



41, 0, 30

Previews

White Background



This preview shows how the RYB color 177, 166, 209 looks on a white background.

Color Contrast Check

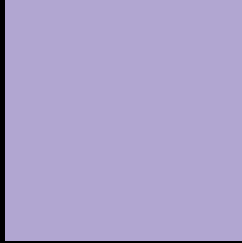
Large Text (above 18pt) WCAG AA × Fail

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, 166, 209 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, 166, 209 Background



This preview shows how black text looks on a background with the RYB color 177, 166, 209.



This preview shows how white text looks on a background with the RYB color 177, 166, 209.

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



Original Color
177, 166, 209

Protanopia
162, 169, 212

Deuteranopia
170, 168, 209



Tritanopia

173, 170, 184

Trichromacy



Original Color
177, 166, 209

Protanomaly
167, 169, 211

Deuteranomaly
173, 167, 209

Tritanomaly
174, 169, 193

Monochromacy



Original Color
177, 166, 209

Achromatopsia
174, 174, 174

Achromatomaly
175, 171, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 166, 209 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, 166, 209)` looks like.

```
.text, #text, p{  
    color:rgb(177, 166, 209)  
}
```

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, 166, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 166, 209) }
```

Border

The CSS property to change the border of an element to RYB 177, 166, 209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

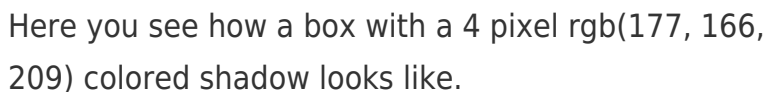
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 166, 209) }
```

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

```
.border{ border-color:rgb(177, 166, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 166, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 166, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 166, 209);  
box-shadow:4px 4px 4px 4px rgb(177, 166,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 177, 166, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 166, 209) }
```

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

```
.background{ background-color: rgb(177,  
166, 209) }
```

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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