

Converting Colors

`RYB(177, 139, 213)`

Have a look what the booklet for
RYB(177, 139, 213) contains.

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Color

R_YB(177, 139, 213)

Conversions

Conversions Part 1

Format	Color
Hex	B18BD5
RGB	177, 139, 213
RGB Percent	69%, 55%, 84%
CMY	0.3059, 0.4549, 0.1647
CMYK	0.17, 0.35, 0.00, 0.16
HSL	271°, 47%, 69%
HSV	271°, 35%, 84%
XYZ	39.3743, 32.6164, 67.1711
YIQ	158.7980, -1.1060, 31.0700

Conversions

Conversions Part 2

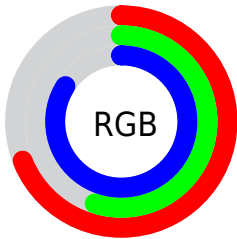
Format	Color
RYB	177, 139, 213
Decimal	11635669
CIELab	63.85, 28.55, -32.59
CIELCh	64, 43.326, 311.226
Yxy	32.6164, 0.2829, 0.2344
Android (android.graphics.Color)	4289825749 (0xFFB18BD5)
YUV	158.7980, 26.7216, 15.9632
Hunter-Lab	57.1108, 23.1206, -29.7566

Details

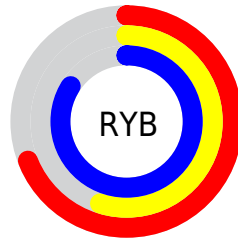
The RYB color **177, 139, 213** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **139, 213, 177**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **234, 193, 255**, and **123, 88, 158** is the 20% darker color. If you saturate the color by 10%, you get **167, 118, 213**, and if you desaturate by 10%, it is **187, 160, 213**.

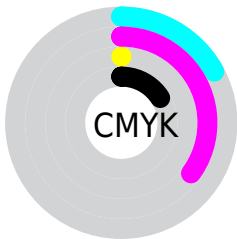
Distribution



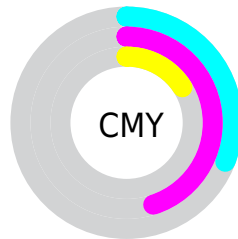
- Red (69%)
- Green (55%)
- Blue (84%)



- Red (69%)
- Yellow (55%)
- Blue (84%)



- Cyan (17%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)




- Cyan (31%)
- Magenta (45%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 139, 213 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, 139, 213 by changing the saturation by 10% instead.

 177, 139, 213


255, 255, 255

 234, 193, 255

 255, 221, 255

 255, 250, 255


 177, 139, 213

 150, 113, 185

 123, 88, 158

 97, 64, 132

 72, 42, 106

 48, 19, 82

 25, 0, 58

 0, 1, 36

 0, 0, 11

 0, 0, 0

■ 177, 139, 213

■ 177, 139, 213

■ 167, 118, 213

■ 187, 160, 213

■ 156, 96, 213

■ 198, 182, 213

■ 146, 75, 213

■ 208, 203, 213

■ 136, 54, 213

■ 213, 224, 219

■ 125, 33, 213

■ 213, 245, 229

■ 115, 11, 213

■ 213, 255, 229

■ 109, 0, 213

■ 213, 255, 218

■ 213, 255, 213

Harmonies

Analogous

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



118, 145, 230



177, 139, 213



214, 127, 180

Triad

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



177, 139, 213



184, 199, 81



0, 89, 175

Complementary

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



177, 139, 213



139, 213, 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.



67, 134, 173



177, 139, 213



85, 164, 77

Square

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



177, 139, 213



222, 138, 106



95, 167, 140



0, 93, 204

Rectangle

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



177, 139, 213



226, 123, 155



95, 167, 140



0, 93, 175

Sweetspot

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



177, 139, 213



243, 230, 255



139, 164, 213



120, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



177, 139, 213



203, 148, 255



213, 139, 213



102, 96, 107



88, 0, 171



22, 0, 43

Inverse Universe

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



213, 139, 175



255, 148, 200



139, 213, 213



107, 96, 102



171, 0, 83



43, 0, 21

Previews

White Background



This preview shows how the RYB color 177, 139, 213 looks on a white background.

Color Contrast Check

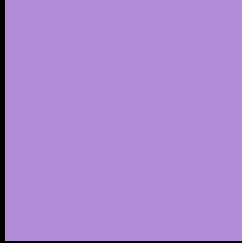
Large Text (above 18pt) WCAG AA × Fail

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, 139, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

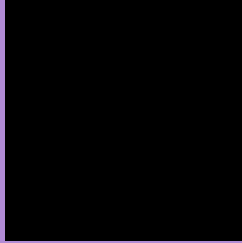
Any Text WCAG AA ✓ Pass

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, 139, 213 Background



This preview shows how black text looks on a background with the RYB color 177, 139, 213.

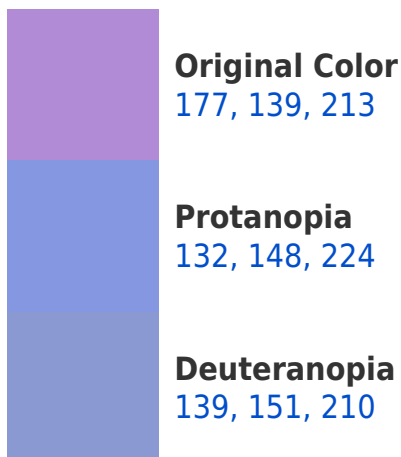


This preview shows how white text looks on a background with the RYB color 177, 139, 213.

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
168, 149, 161

Trichromacy



Original Color
177, 139, 213

Protanomaly
148, 147, 220

Deuteranomaly
153, 148, 211

Tritanomaly
171, 145, 180

Monochromacy



Original Color
177, 139, 213

Achromatopsia
159, 159, 159

Achromatomaly
166, 152, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 139, 213 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, 139, 213)` looks like.

```
.text, #text, p{  
    color:rgb(177, 139, 213)  
}
```

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, 139, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 139, 213) }
```

Border

The CSS property to change the border of an element to RYB 177, 139, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

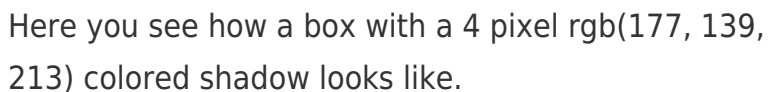
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 139, 213) }
```

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

```
.border{ border-color:rgb(177, 139, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 139, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 139, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 139, 213);  
box-shadow:4px 4px 4px 4px rgb(177, 139,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 177, 139, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 139, 213) }
```

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

```
.background{ background-color: rgb(177,  
139, 213) }
```

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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