

Converting Colors

`RYB(177, 139, 188)`

Have a look what the booklet for RYB(177, 139, 188) contains.

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Color

R_YB(177, 139, 188)

Conversions

Conversions Part 1

Format	Color
Hex	B18BBC
RGB	177, 139, 188
RGB Percent	69%, 55%, 74%
CMY	0.3059, 0.4549, 0.2627
CMYK	0.06, 0.26, 0.00, 0.26
HSL	287°, 27%, 64%
HSV	287°, 26%, 74%
XYZ	36.4412, 31.4432, 51.7254
YIQ	155.9480, 6.9190, 23.2950

Conversions

Conversions Part 2

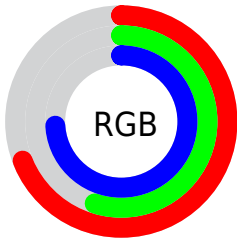
Format	Color
RYB	177, 139, 188
Decimal	11635644
CIELab	62.88, 23.24, -20.06
CIELCh	63, 30.693, 319.201
Yxy	31.4432, 0.3047, 0.2629
Android (android.graphics.Color)	4289825724 (0xFFB18BBC)
YUV	155.9480, 15.8016, 18.4626
Hunter-Lab	56.0742, 17.8726, -15.4399

Details

The RYB color **177, 139, 188** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **139, 188, 177**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **233, 193, 244**, and **124, 89, 135** is the 20% darker color. If you saturate the color by 10%, you get **173, 120, 188**, and if you desaturate by 10%, it is **181, 158, 188**.

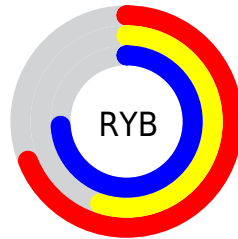
Distribution



Red (69%)

Green (55%)

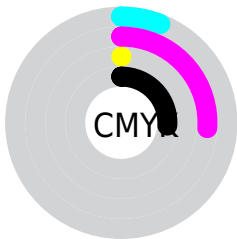
Blue (74%)



Red (69%)

Yellow (55%)

Blue (74%)

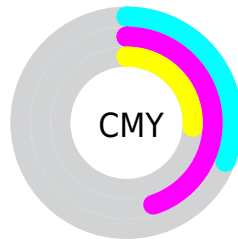


Cyan (6%)

Magenta (26%)

Yellow (0%)

Black (26%)



Cyan (31%)

Magenta (45%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 139, 188 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, 188 by changing the saturation by 10% instead.


 177, 139, 188

255, 255, 255

 233, 193, 244

 255, 221, 255

 255, 249, 255


 177, 139, 188

 150, 113, 161

 124, 89, 135

 98, 65, 109


 74, 42, 85

 51, 20, 61

 31, 0, 40

 0, 1, 17

 0, 0, 0

 177, 139, 188

 177, 139, 188

173, 120, 188

181, 158, 188

169, 101, 188

185, 177, 188

164, 83, 188

188, 195, 193

160, 64, 188

188, 214, 208

156, 45, 188

188, 233, 223

152, 26, 188

188, 252, 238

147, 7, 188

188, 255, 236

146, 0, 188

188, 255, 232

188, 255, 228

Harmonies

Analogous

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



142, 148, 203



177, 139, 188



199, 132, 163

Triad

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



177, 139, 188



155, 180, 99



61, 114, 169

Complementary

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



177, 139, 188



139, 188, 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.



89, 135, 166



177, 139, 188



100, 156, 103

Square

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



177, 139, 188



199, 149, 112



116, 163, 157



63, 120, 193

Rectangle

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



177, 139, 188



206, 131, 145



116, 163, 157



69, 120, 167

Sweetspot

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



177, 139, 188



240, 225, 245



139, 148, 188



120, 110, 122



250, 250, 250



122, 122, 122

Same Dimension

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



177, 139, 188



228, 169, 245



188, 139, 175



92, 85, 94



123, 0, 158



24, 0, 31

Inverse Universe

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



188, 139, 150



245, 169, 186



139, 178, 188



94, 85, 87



158, 0, 35



31, 0, 7

Previews

White Background



This preview shows how the RYB color 177, 139, 188 looks on a white background.

Color Contrast Check

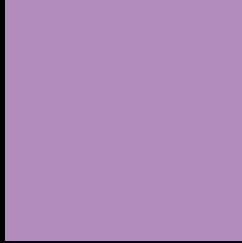
Large Text (above 18pt) WCAG AA × Fail

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, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

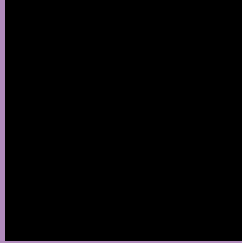
Any Text WCAG AA ✓ Pass

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, 188 Background



This preview shows how black text looks on a background with the RYB color 177, 139, 188.

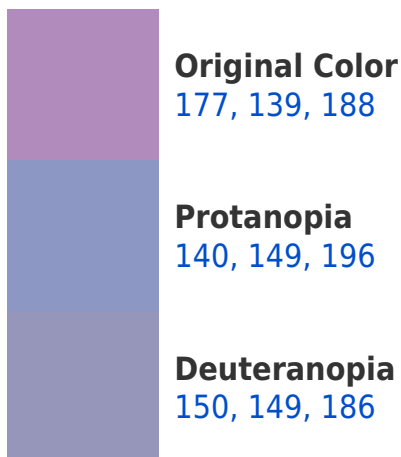


This preview shows how white text looks on a background with the RYB color 177, 139, 188.

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
172, 145, 156

Trichromacy



Original Color
177, 139, 188

Protanomaly
153, 147, 193

Deuteranomaly
160, 145, 187

Tritanomaly
174, 143, 168

Monochromacy



Original Color
177, 139, 188

Achromatopsia
156, 156, 156

Achromatomaly
164, 150, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 139, 188 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, 188) looks like.

```
.text, #text, p{  
    color:rgb(177, 139, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 139, 188) }
```

Border

The CSS property to change the border of an element to RYB 177, 139, 188 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, 188) }
```

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

```
.border{ border-color:rgb(177, 139, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 139, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 139, 188); box-shadow:4px 4px 4px 4px rgb(177, 139, 188) }
```

Background

The CSS property to change the background color of an element to RYB 177, 139, 188 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, 188) }
```

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

```
.background{ background-color: rgb(177,  
139, 188) }
```

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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