

Converting Colors

`RYB(176, 145, 203)`

Have a look what the booklet for
RYB(176, 145, 203) contains.

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Color

R_YB(176, 145, 203)

Conversions

Conversions Part 1

Format	Color
Hex	B091CB
RGB	176, 145, 203
RGB Percent	69%, 57%, 80%
CMY	0.3098, 0.4314, 0.2039
CMYK	0.13, 0.29, 0.00, 0.20
HSL	272°, 36%, 68%
HSV	272°, 29%, 80%
XYZ	38.8094, 33.7927, 60.9771
YIQ	160.8810, -0.1420, 24.6100

Conversions

Conversions Part 2

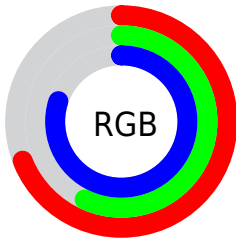
Format	Color
RYB	176, 145, 203
Decimal	11571659
CIELab	64.80, 22.67, -25.55
CIELCh	65, 34.158, 311.589
Yxy	33.7927, 0.2905, 0.2530
Android (android.graphics.Color)	4289761739 (0xFFB091CB)
YUV	160.8810, 20.7647, 13.2594
Hunter-Lab	58.1315, 17.4390, -21.5003

Details

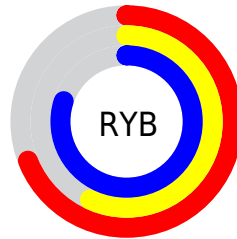
The RYB color **176, 145, 203** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **145, 203, 176**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **232, 199, 255**, and **123, 94, 149** is the 20% darker color. If you saturate the color by 10%, you get **167, 125, 203**, and if you desaturate by 10%, it is **185, 165, 203**.

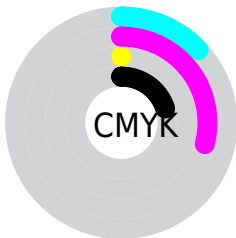
Distribution



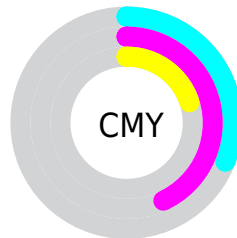
- Red (69%)
- Green (57%)
- Blue (80%)



- Red (69%)
- Yellow (57%)
- Blue (80%)



- Cyan (13%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 145, 203 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 176, 145, 203 by changing the saturation by 10% instead.

 176, 145, 203

255, 255, 255

 232, 199, 255

 255, 227, 255


 176, 145, 203

 149, 119, 175


 123, 94, 149

 97, 70, 123

 73, 47, 98

 49, 26, 74

 27, 3, 51

 0, 1, 29


 0, 0, 0

 176, 145, 203


 176, 145, 203

 167, 125, 203

 185, 165, 203

 157, 104, 203

 195, 186, 203

 148, 84, 203

 203, 206, 205

 138, 64, 203

 203, 226, 215

 129, 44, 203

 203, 247, 227

 119, 23, 203

 203, 255, 225

 110, 3, 203

 203, 255, 216

 109, 0, 203

 203, 255, 206

 203, 255, 203

Harmonies

Analogous

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



133, 151, 217



176, 145, 203



205, 136, 177

Triad

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



176, 145, 203



186, 194, 100



54, 116, 174

Complementary

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



176, 145, 203



145, 203, 176

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.



94, 144, 172



176, 145, 203



105, 166, 97

Square

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



176, 145, 203



212, 145, 118



111, 167, 146



39, 111, 197

Rectangle

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



176, 145, 203



215, 134, 157



111, 167, 146



68, 125, 174

Sweetspot

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



176, 145, 203



244, 232, 255



145, 163, 203



121, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



176, 145, 203



215, 168, 255



203, 145, 201



97, 92, 102



89, 0, 166



20, 0, 38

Inverse Universe

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



203, 145, 172



255, 168, 209



145, 201, 203



102, 92, 97



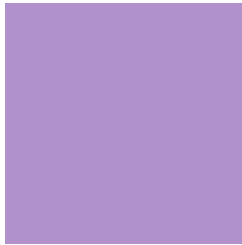
166, 0, 77



38, 0, 18

Previews

White Background



This preview shows how the RYB color 176, 145, 203 looks on a white background.

Color Contrast Check

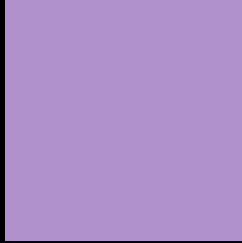
Large Text (above 18pt) WCAG AA × Fail

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 176, 145, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

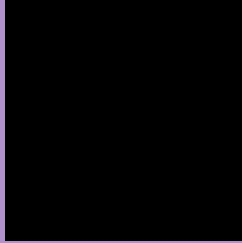
Any Text WCAG AA ✓ Pass

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 176, 145, 203 Background



This preview shows how black text looks on a background with the RYB color 176, 145, 203.



This preview shows how white text looks on a background with the RYB color 176, 145, 203.

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
176, 145, 203

Protanopia
142, 153, 211

Deuteranopia
150, 154, 201



Tritanopia
170, 152, 164

Trichromacy



Original Color
176, 145, 203

Protanomaly
154, 151, 208

Deuteranomaly
159, 151, 202

Tritanomaly
172, 149, 178

Monochromacy



Original Color
176, 145, 203

Achromatopsia
161, 161, 161

Achromatomaly
166, 155, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 145, 203 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(176, 145, 203) looks like.

```
.text, #text, p{  
    color:rgb(176, 145, 203)  
}
```

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(176, 145, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 145, 203) }
```

Border

The CSS property to change the border of an element to RYB 176, 145, 203 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(176, 145, 203) }
```

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

```
.border{ border-color:rgb(176, 145, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 145, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 145, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 145, 203);  
box-shadow:4px 4px 4px 4px rgb(176, 145,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 176, 145, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 145, 203) }
```

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

```
.background{ background-color: rgb(176,  
145, 203) }
```

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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