

Converting Colors

`RYB(176, 175, 208)`

Have a look what the booklet for
RYB(176, 175, 208) contains.

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Color

R_YB(176, 175, 208)

Conversions

Conversions Part 1

Format	Color
Hex	B0AFD0
RGB	176, 175, 208
RGB Percent	69%, 69%, 82%
CMY	0.3098, 0.3137, 0.1843
CMYK	0.15, 0.16, 0.00, 0.18
HSL	242°, 26%, 75%
HSV	242°, 16%, 82%
XYZ	44.6196, 44.4441, 65.9014
YIQ	179.0610, -9.9970, 10.4750

Conversions

Conversions Part 2

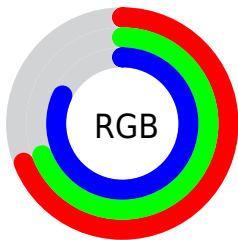
Format	Color
R_{YB}	176, 175, 208
Decimal	11579344
CIE Lab	72.52, 7.03, -16.55
CIE LCh	73, 17.979, 293.005
Yxy	44.4441, 0.2879, 0.2868
Android (android.graphics.Color)	4289769424 (0xFFB0AFD0)
YUV	179.0610, 14.2669, -2.6845
Hunter-Lab	66.6664, 2.8033, -11.9431

Details

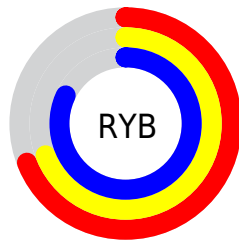
The RYB color **176, 175, 208** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **175, 208, 176**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **232, 230, 255**, and **123, 123, 154** is the 20% darker color. If you saturate the color by 10%, you get **156, 154, 208**, and if you desaturate by 10%, it is **196, 196, 208**.

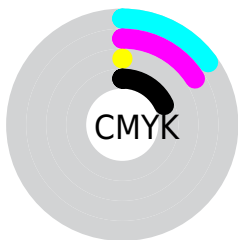
Distribution



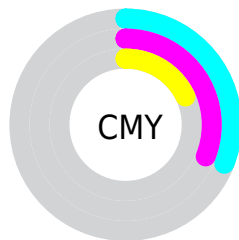
- Red (69%)
- Green (69%)
- Blue (82%)



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



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 175, 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 176, 175, 208 by changing the saturation by 10% instead.

■ 176, 175, 208

255, 255, 255

■ 232, 230, 255

■ 176, 175, 208

■ 149, 148, 180

■ 123, 123, 154

■ 98, 98, 128

■ 74, 74, 102

■ 51, 52, 78

■ 29, 30, 55

■ 7, 5, 34

■ 0, 0, 9

■ 0, 0, 0

■ 176, 175, 208

■ 176, 175, 208

■ 156, 154, 208

■ 196, 196, 208

■ 136, 133, 208

■ 208, 217, 209

■ 115, 113, 208

■ 208, 237, 208

■ 95, 92, 208

■ 208, 255, 208

■ 75, 71, 208

■ 55, 50, 208

■ 35, 29, 208

■ 15, 9, 208

■ 6, 0, 208

Harmonies

Analogous

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



155, 173, 210



176, 175, 208



196, 170, 198

Triad

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



176, 175, 208



207, 179, 152



142, 169, 187

Complementary

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



176, 175, 208



175, 208, 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.



158, 185, 185



176, 175, 208



180, 195, 146

Square

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



176, 175, 208



213, 167, 166



148, 181, 152



134, 161, 190

Rectangle

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



176, 175, 208



205, 167, 188



148, 181, 152



147, 173, 187

Sweetspot

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



176, 175, 208



243, 242, 255



175, 191, 208



120, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



176, 175, 208



208, 207, 255



192, 175, 208



94, 94, 105



5, 0, 168



1, 0, 41

Inverse Universe

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



208, 175, 207



255, 207, 254



175, 208, 192



105, 94, 104



168, 0, 163



41, 0, 40

Previews

White Background



This preview shows how the RYB color 176, 175, 208 looks on a white background.

Color Contrast Check

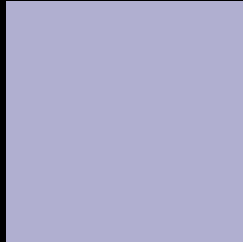
Large Text (above 18pt) WCAG AA × Fail

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 176, 175, 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 176, 175, 208 Background



This preview shows how black text looks on a background with the RYB color 176, 175, 208.



This preview shows how white text looks on a background with the RYB color 176, 175, 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



Original Color
176, 175, 208

Protanopia
171, 175, 209

Deuteranopia
180, 174, 208



Tritanopia
173, 177, 192

Trichromacy



Original Color
176, 175, 208

Protanomaly
173, 176, 209

Deuteranomaly
179, 174, 208

Tritanomaly
174, 177, 198

Monochromacy



Original Color
176, 175, 208

Achromatopsia
179, 179, 179

Achromatomaly
178, 178, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 175, 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(176, 175, 208) looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 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(176, 175, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 208) }
```

Border

The CSS property to change the border of an element to RYB 176, 175, 208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

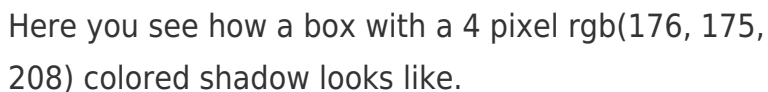
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 175, 208) }
```

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

```
.border{ border-color:rgb(176, 175, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 175, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 208);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 176, 175, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 175, 208) }
```

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

```
.background{ background-color: rgb(176,  
175, 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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