

Converting Colors

`RYB(185, 175, 220)`

Have a look what the booklet for
RYB(185, 175, 220) contains.

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Color

R_YB(185, 175, 220)

Conversions

Conversions Part 1

Format	Color
Hex	B9AFDC
RGB	185, 175, 220
RGB Percent	73%, 69%, 86%
CMY	0.2745, 0.3137, 0.1373
CMYK	0.16, 0.20, 0.00, 0.14
HSL	253°, 39%, 77%
HSV	253°, 20%, 86%
XYZ	48.2558, 46.1415, 74.0730
YIQ	183.1200, -8.4850, 16.1150

Conversions

Conversions Part 2

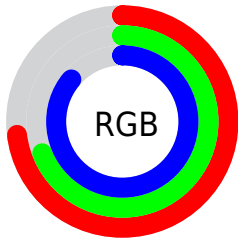
Format	Color
RYB	185, 175, 220
Decimal	12169180
CIELab	73.64, 12.51, -21.35
CIELCh	74, 24.747, 300.367
Yxy	46.1415, 0.2864, 0.2739
Android (android.graphics.Color)	4290359260 (0xFFB9AFDC)
YUV	183.1200, 18.1818, 1.6488
Hunter-Lab	67.9276, 7.9334, -17.1047

Details

The RYB color **185, 175, 220** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **175, 220, 185**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **241, 231, 255**, and **131, 123, 165** is the 20% darker color. If you saturate the color by 10%, you get **168, 153, 220**, and if you desaturate by 10%, it is **202, 197, 220**.

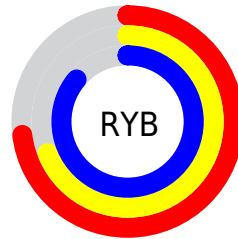
Distribution



Red (73%)

Green (69%)

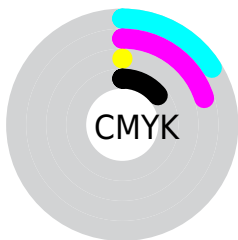
Blue (86%)



Red (73%)

Yellow (69%)

Blue (86%)

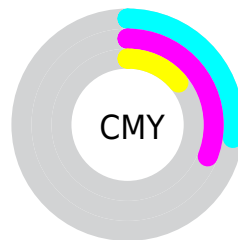


Cyan (16%)

Magenta (20%)

Yellow (0%)

Black (14%)



Cyan (27%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 175, 220 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 185, 175, 220 by changing the saturation by 10% instead.

■ 185, 175, 220

255, 255, 255

■ 241, 231, 255

■ 185, 175, 220

■ 158, 148, 192

■ 131, 123, 165

■ 106, 98, 138

■ 81, 74, 113

■ 58, 51, 88

■ 35, 30, 65

■ 15, 6, 43

■ 0, 1, 21

■ 0, 0, 0

■ 185, 175, 220

■ 185, 175, 220

■ 168, 153, 220

■ 202, 197, 220

■ 151, 131, 220

■ 219, 219, 220

■ 134, 109, 220

■ 220, 241, 225

■ 117, 87, 220

■ 220, 255, 222

■ 99, 65, 220

■ 220, 255, 220

■ 82, 43, 220

■ 65, 21, 220

■ 49, 0, 220

Harmonies

Analogous

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



154, 175, 226



185, 175, 220



210, 168, 204

Triad

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



185, 175, 220



217, 192, 142



125, 163, 194

Complementary

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



185, 175, 220



175, 220, 185

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.



147, 182, 191



185, 175, 220



163, 198, 136

Square

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



185, 175, 220



227, 167, 159



141, 186, 154



115, 156, 203

Rectangle

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



185, 175, 220



222, 165, 189



141, 186, 154



131, 168, 193

Sweetspot

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



185, 175, 220



243, 240, 255



175, 195, 220



121, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



185, 175, 220



205, 191, 255



207, 175, 220



101, 99, 110



39, 0, 173



10, 0, 46

Inverse Universe

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



220, 175, 210



255, 191, 241



175, 220, 207



110, 99, 107



173, 0, 135



46, 0, 36

Previews

White Background



This preview shows how the RYB color 185, 175, 220 looks on a white background.

Color Contrast Check

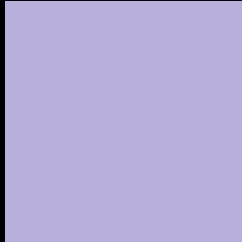
Large Text (above 18pt) WCAG AA × Fail

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 185, 175, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

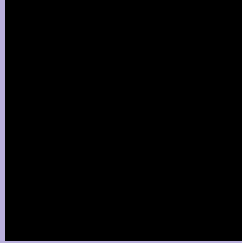
Any Text WCAG AA ✓ Pass

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 185, 175, 220 Background



This preview shows how black text looks on a background with the RYB color 185, 175, 220.



This preview shows how white text looks on a background with the RYB color 185, 175, 220.

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](#).

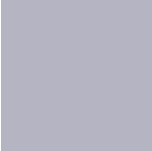
Dichromacy



Original Color
185, 175, 220

Protanopia
171, 178, 223

Deuteranopia
179, 177, 220



Tritanopia
180, 180, 194

Trichromacy



Original Color
185, 175, 220

Protanomaly
176, 178, 222

Deuteranomaly
181, 176, 220

Tritanomaly
182, 178, 203

Monochromacy



Original Color
185, 175, 220

Achromatopsia
183, 183, 183

Achromatomaly
184, 180, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 175, 220 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(185, 175, 220)` looks like.

```
.text, #text, p{  
    color:rgb(185, 175, 220)  
}
```

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(185, 175, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 175, 220) }
```

Border

The CSS property to change the border of an element to RYB 185, 175, 220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

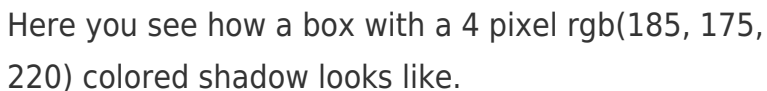
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 175, 220) }
```

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

```
.border{ border-color:rgb(185, 175, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 175, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 175, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 175, 220); box-shadow:4px 4px 4px 4px rgb(185, 175, 220) }
```

Background

The CSS property to change the background color of an element to RYB 185, 175, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 175, 220) }
```

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

```
.background{ background-color: rgb(185,  
175, 220) }
```

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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