

Converting Colors

`RYB(181, 178, 222)`

Have a look what the booklet for RYB(181, 178, 222) contains.

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Color

R_YB(181, 178, 222)

Conversions

Conversions Part 1

Format	Color
Hex	B5B2DE
RGB	181, 178, 222
RGB Percent	71%, 70%, 87%
CMY	0.2902, 0.3020, 0.1294
CMYK	0.18, 0.20, 0.00, 0.13
HSL	244°, 40%, 78%
HSV	244°, 20%, 87%
XYZ	48.1613, 46.9385, 75.6289
YIQ	183.9130, -12.3360, 14.3200

Conversions

Conversions Part 2

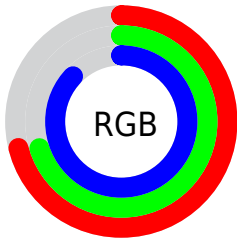
Format	Color
RYB	181, 178, 222
Decimal	11907806
CIELab	74.15, 10.04, -21.69
CIELCh	74, 23.901, 294.835
Yxy	46.9385, 0.2821, 0.2749
Android (android.graphics.Color)	4290097886 (0xFFB5B2DE)
YUV	183.9130, 18.7769, -2.5547
Hunter-Lab	68.5117, 5.5838, -17.4911

Details

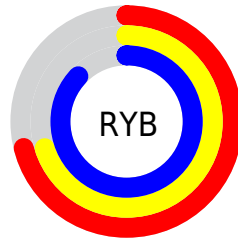
The RYB color **181, 178, 222** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **178, 222, 181**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **237, 234, 255**, and **128, 125, 167** is the 20% darker color. If you saturate the color by 10%, you get **160, 156, 222**, and if you desaturate by 10%, it is **202, 200, 222**.

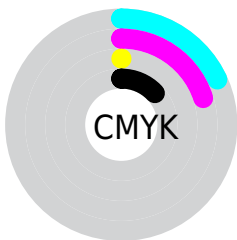
Distribution



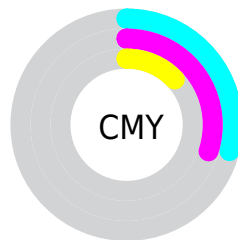
- Red (71%)
- Green (70%)
- Blue (87%)



- Red (71%)
- Yellow (70%)
- Blue (87%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (29%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 178, 222 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 181, 178, 222 by changing the saturation by 10% instead.

■ 181, 178, 222

255, 255, 255

■ 237, 234, 255

■ 181, 178, 222

■ 154, 151, 194

■ 128, 125, 167

■ 102, 100, 140

■ 77, 77, 115

■ 54, 54, 90

■ 31, 33, 66

■ 9, 10, 44

■ 0, 1, 23

■ 0, 0, 0

■ 181, 178, 222

■ 181, 178, 222

■ 160, 156, 222

■ 202, 200, 222

■ 140, 134, 222

■ 222, 222, 222

■ 119, 111, 222

■ 222, 245, 224

■ 98, 89, 222

■ 222, 255, 222

■ 78, 67, 222

■ 57, 45, 222

■ 36, 23, 222

■ 16, 0, 222

■ 15, 0, 222

Harmonies

Analogous

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



151, 174, 226



181, 178, 222



207, 171, 208

Triad

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



181, 178, 222



220, 185, 147



132, 168, 195

Complementary

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



181, 178, 222



178, 222, 181

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.



154, 190, 192



181, 178, 222



173, 202, 139

Square

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



181, 178, 222



227, 168, 165



142, 187, 150



120, 158, 200

Rectangle

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



181, 178, 222



219, 168, 194



142, 187, 150



139, 174, 194

Sweetspot

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



181, 178, 222



241, 240, 255



178, 199, 222



119, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 178, 222



198, 194, 255



203, 178, 222



102, 101, 112



12, 0, 176



3, 0, 48

Inverse Universe

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



222, 178, 219



255, 194, 251



178, 222, 203



112, 101, 111



176, 0, 164



48, 0, 45

Previews

White Background



This preview shows how the RYB color 181, 178, 222 looks on a white background.

Color Contrast Check

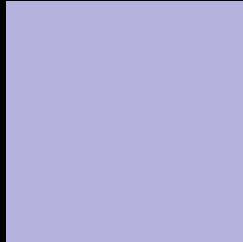
Large Text (above 18pt) WCAG AA × Fail

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 181, 178, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

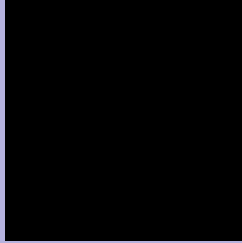
Any Text WCAG AA ✓ Pass

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 181, 178, 222 Background



This preview shows how black text looks on a background with the RYB color 181, 178, 222.



This preview shows how white text looks on a background with the RYB color 181, 178, 222.

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](#).

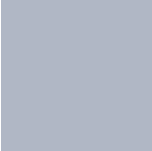
Dichromacy



Original Color
181, 178, 222

Protanopia
172, 179, 224

Deuteranopia
180, 178, 222



Tritanopia
176, 181, 197

Trichromacy



Original Color
181, 178, 222

Protanomaly
175, 179, 223

Deuteranomaly
180, 178, 222

Tritanomaly
178, 181, 206

Monochromacy



Original Color
181, 178, 222

Achromatopsia
184, 184, 184

Achromatomaly
183, 182, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 178, 222 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(181, 178, 222)` looks like.

```
.text, #text, p{  
    color:rgb(181, 178, 222)  
}
```

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(181, 178, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 178, 222) }
```

Border

The CSS property to change the border of an element to RYB 181, 178, 222 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(181, 178, 222) }
```

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

```
.border{ border-color:rgb(181, 178, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 178, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 178, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 178, 222);  
box-shadow:4px 4px 4px 4px rgb(181, 178,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 181, 178, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 178, 222) }
```

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

```
.background{ background-color: rgb(181,  
178, 222) }
```

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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