

Converting Colors

`RYB(183, 177, 229)`

Have a look what the booklet for
RYB(183, 177, 229) contains.

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Color

R_YB(183, 177, 229)

Conversions

Conversions Part 1

Format	Color
Hex	B7B1E5
RGB	183, 177, 229
RGB Percent	72%, 69%, 90%
CMY	0.2824, 0.3059, 0.1020
CMYK	0.20, 0.23, 0.00, 0.10
HSL	247°, 50%, 80%
HSV	247°, 23%, 90%
XYZ	49.3934, 47.1687, 80.6299
YIQ	184.7220, -13.1160, 17.4440

Conversions

Conversions Part 2

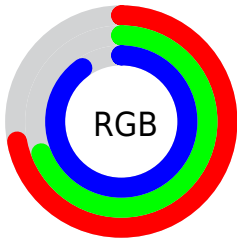
Format	Color
R_{YB}	183, 177, 229
Decimal	12038629
CIE _{Lab}	74.30, 12.77, -25.26
CIE _{LCh}	74, 28.305, 296.830
Yxy	47.1687, 0.2788, 0.2662
Android (android.graphics.Color)	4290228709 (0xFFB7B1E5)
YUV	184.7220, 21.8291, -1.5102
Hunter-Lab	68.6795, 8.1859, -21.5310

Details

The RYB color **183, 177, 229** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **177, 229, 183**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **239, 233, 255**, and **129, 124, 173** is the 20% darker color. If you saturate the color by 10%, you get **163, 154, 229**, and if you desaturate by 10%, it is **203, 200, 229**.

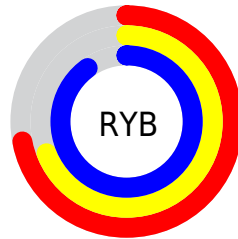
Distribution



Red (72%)

Green (69%)

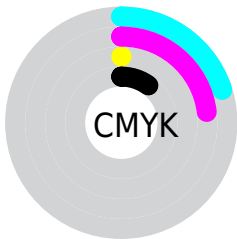
Blue (90%)



Red (72%)

Yellow (69%)

Blue (90%)

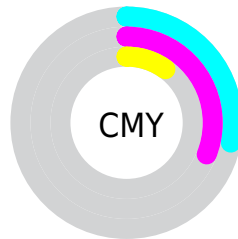


Cyan (20%)

Magenta (23%)

Yellow (0%)

Black (10%)



Cyan (28%)

Magenta (31%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 177, 229 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 183, 177, 229 by changing the saturation by 10% instead.

■ 183, 177, 229

255, 255, 255

■ 239, 233, 255

■ 183, 177, 229

■ 156, 150, 201

■ 129, 124, 173

■ 104, 100, 147

■ 79, 76, 121

■ 55, 53, 96

■ 31, 32, 72

■ 9, 9, 49

■ 0, 1, 28

■ 0, 0, 0

■ 183, 177, 229

■ 183, 177, 229

■ 163, 154, 229

■ 203, 200, 229

■ 142, 131, 229

■ 224, 223, 229

■ 122, 108, 229

■ 229, 246, 231

■ 102, 85, 229

■ 229, 255, 229

■ 82, 63, 229

■ 61, 40, 229

■ 41, 17, 229

■ 26, 0, 229

Harmonies

Analogous

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



146, 174, 234



183, 177, 229



214, 169, 212

Triad

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



183, 177, 229



225, 189, 140



119, 163, 197

Complementary

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



183, 177, 229



177, 229, 183

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, 188, 194



183, 177, 229



167, 204, 131

Square

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



183, 177, 229



235, 165, 160



136, 188, 147



104, 152, 205

Rectangle

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



183, 177, 229



227, 165, 195



136, 188, 147



128, 170, 196

Sweetspot

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



183, 177, 229



239, 237, 255



177, 202, 229



118, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 177, 229



194, 186, 255



208, 177, 229



105, 103, 115



21, 0, 179



6, 0, 51

Inverse Universe

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



229, 177, 223



255, 186, 247



177, 229, 208



115, 103, 113



179, 0, 158



51, 0, 45

Previews

White Background



This preview shows how the RYB color 183, 177, 229 looks on a white background.

Color Contrast Check

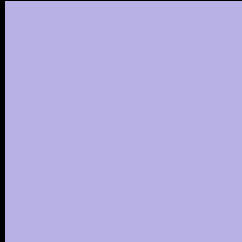
Large Text (above 18pt) WCAG AA × Fail

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 183, 177, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

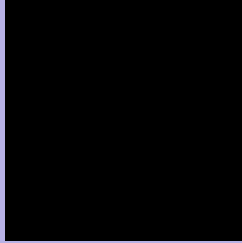
Any Text WCAG AA ✓ Pass

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 183, 177, 229 Background



This preview shows how black text looks on a background with the RYB color 183, 177, 229.



This preview shows how white text looks on a background with the RYB color 183, 177, 229.

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](#).

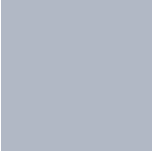
Dichromacy



Original Color
183, 177, 229

Protanopia
170, 179, 232

Deuteranopia
177, 179, 229



Tritanopia
177, 182, 197

Trichromacy



Original Color
183, 177, 229

Protanomaly
175, 180, 231

Deuteranomaly
179, 178, 229

Tritanomaly
179, 181, 209

Monochromacy



Original Color
183, 177, 229

Achromatopsia
185, 185, 185

Achromatomaly
184, 182, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 177, 229 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(183, 177, 229)` looks like.

```
.text, #text, p{  
    color:rgb(183, 177, 229)  
}
```

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(183, 177, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 177, 229) }
```

Border

The CSS property to change the border of an element to RYB 183, 177, 229 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(183, 177, 229) }
```

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

```
.border{ border-color:rgb(183, 177, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 177, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 177, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 177, 229); box-shadow:4px 4px 4px 4px rgb(183, 177, 229) }
```

Background

The CSS property to change the background color of an element to RYB 183, 177, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 177, 229) }
```

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

```
.background{ background-color: rgb(183,  
177, 229) }
```

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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