

Converting Colors

`RYB(173, 180, 222)`

Have a look what the booklet for RYB(173, 180, 222) contains.

RYB(173, 180, 222)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(173, 180, 222)

Conversions

Conversions Part 1

Format	Color
Hex	ADB5DE
RGB	173, 181, 222
RGB Percent	68%, 71%, 87%
CMY	0.3216, 0.2895, 0.1294
CMYK	0.22, 0.18, 0.00, 0.13
HSL	230°, 43%, 77%
HSV	230°, 22%, 87%
XYZ	46.9762, 47.2737, 75.7561
YIQ	183.2820, -17.9290, 11.0550

Conversions

Conversions Part 2

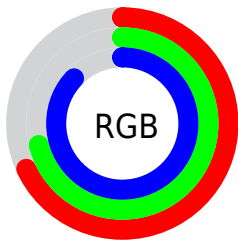
Format	Color
RYB	173, 180, 222
Decimal	11384286
CIELab	74.36, 5.82, -21.42
CIELCh	74, 22.197, 285.197
Yxy	47.2737, 0.2763, 0.2781
Android (android.graphics.Color)	4289574366 (0xFFADB5DE)
YUV	183.2820, 19.0880, -9.0173
Hunter-Lab	68.7559, 1.6340, -17.1973

Details

The RYB color **173, 180, 222** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **183, 222, 173**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **229, 235, 255**, and **120, 127, 167** is the 20% darker color. If you saturate the color by 10%, you get **151, 161, 222**, and if you desaturate by 10%, it is **195, 199, 222**.

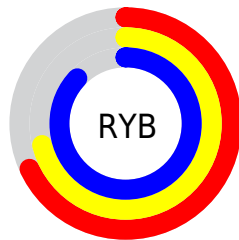
Distribution



Red (68%)

Green (71%)

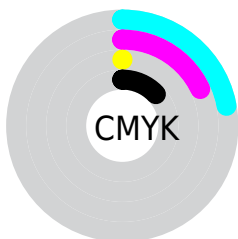
Blue (87%)



Red (68%)

Yellow (71%)

Blue (87%)

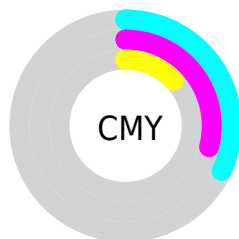


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (13%)



Cyan (32%)

Magenta (29%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 180, 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 173, 180, 222 by changing the saturation by 10% instead.

■ 173, 180, 222

255, 255, 255

■ 229, 235, 255

■ 173, 180, 222

■ 146, 153, 194

■ 120, 127, 167

■ 94, 102, 140

■ 70, 78, 115

■ 46, 55, 90

■ 22, 32, 66

■ 0, 11, 44

■ 0, 1, 23

■ 0, 0, 0

■ 173, 180, 222

■ 173, 180, 222

■ 151, 161, 222

■ 195, 199, 222

■ 129, 142, 222

■ 217, 218, 222

■ 106, 123, 222

■ 226, 240, 222

■ 84, 104, 222

■ 222, 255, 222

■ 62, 85, 222

■ 40, 66, 222

■ 18, 47, 222

■ 0, 32, 222

Harmonies

Analogous

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



146, 173, 222



173, 180, 222



199, 174, 212

Triad

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



173, 180, 222



221, 178, 155



142, 175, 194

Complementary

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



173, 180, 222



183, 222, 173

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, 180



173, 180, 222



200, 208, 144

Square

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



173, 180, 222



225, 169, 173



146, 188, 143



128, 162, 195

Rectangle

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



173, 180, 222



212, 171, 200



146, 188, 143



149, 181, 193

Sweetspot

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



173, 180, 222



237, 240, 255



173, 200, 222



117, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



173, 180, 222



189, 198, 255



189, 173, 222



101, 103, 112



0, 25, 176



0, 7, 48

Inverse Universe

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



222, 173, 181



255, 189, 200



173, 222, 189



112, 101, 103



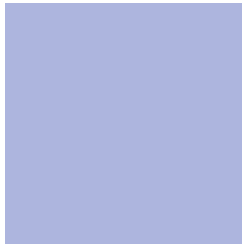
176, 0, 29



48, 0, 8

Previews

White Background



This preview shows how the RYB color 173, 180, 222 looks on a white background.

Color Contrast Check

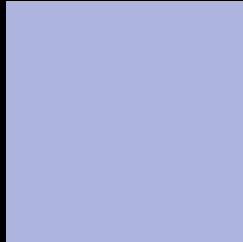
Large Text (above 18pt) WCAG AA × Fail

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 173, 180, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

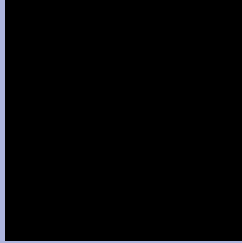
Any Text WCAG AA ✓ Pass

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 173, 180, 222 Background



This preview shows how black text looks on a background with the RYB color 173, 180, 222.



This preview shows how white text looks on a background with the RYB color 173, 180, 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](#).

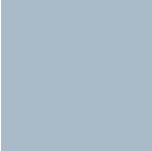
Dichromacy



Original Color
173, 180, 222

Protanopia
174, 180, 222

Deuteranopia
181, 179, 222



Tritanopia
169, 180, 200

Trichromacy



Original Color
173, 180, 222

Protanomaly
174, 180, 222

Deuteranomaly
178, 180, 222

Tritanomaly
170, 180, 208

Monochromacy



Original Color
173, 180, 222

Achromatopsia
183, 183, 183

Achromatomaly
179, 182, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 180, 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(173, 181, 222)` looks like.

```
.text, #text, p{  
    color:rgb(173, 181, 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(173, 181, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 181, 222) }
```

Border

The CSS property to change the border of an element to RYB 173, 180, 222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

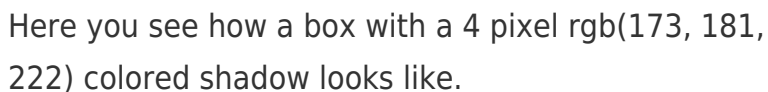
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 181, 222) }
```

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

```
.border{ border-color:rgb(173, 181, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 181, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 181, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 181, 222);  
box-shadow:4px 4px 4px 4px rgb(173, 181,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 173, 180, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 181, 222) }
```

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

```
.background{ background-color: rgb(173,  
181, 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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