

Converting Colors

`RYB(179, 179, 225)`

Have a look what the booklet for
RYB(179, 179, 225) contains.

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Color

R_YB(179, 179, 225)

Conversions

Conversions Part 1

Format	Color
Hex	B3B3E1
RGB	179, 179, 225
RGB Percent	70%, 70%, 88%
CMY	0.2980, 0.2980, 0.1176
CMYK	0.20, 0.20, 0.00, 0.12
HSL	240°, 43%, 79%
HSV	240°, 20%, 88%
XYZ	48.3011, 47.2601, 77.8105
YIQ	184.2440, -14.7660, 14.3060

Conversions

Conversions Part 2

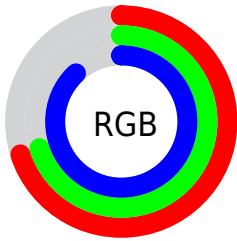
Format	Color
R_{YB}	179, 179, 225
Decimal	11776993
CIE _{Lab}	74.36, 9.54, -23.02
CIE _{LCh}	74, 24.921, 292.504
Yxy	47.2601, 0.2786, 0.2726
Android (android.graphics.Color)	4289967073 (0xFFB3B3E1)
YUV	184.2440, 20.0927, -4.5990
Hunter-Lab	68.7460, 5.1090, -18.9855

Details

The RYB color **179, 179, 225** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **179, 225, 179**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **235, 235, 255**, and **126, 126, 170** is the 20% darker color. If you saturate the color by 10%, you get **156, 156, 225**, and if you desaturate by 10%, it is **201, 201, 225**.

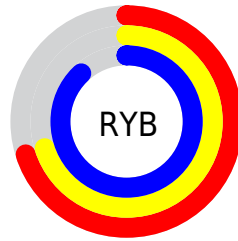
Distribution



Red (70%)

Green (70%)

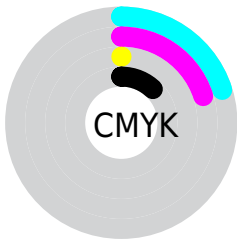
Blue (88%)



Red (70%)

Yellow (70%)

Blue (88%)

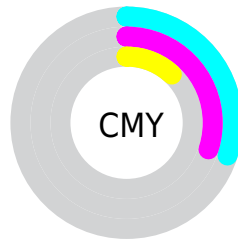


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (12%)



Cyan (30%)

Magenta (30%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 179, 225 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 179, 179, 225 by changing the saturation by 10% instead.

■ 179, 179, 225

255, 255, 255

■ 235, 235, 255

■ 179, 179, 225

■ 152, 152, 197

■ 126, 126, 170

■ 100, 101, 143

■ 75, 78, 117


■ 51, 55, 93

■ 28, 33, 69


■ 5, 10, 46

■ 0, 1, 25


■ 0, 0, 0

 179, 179, 225


 179, 179, 225

 156, 156, 225

 201, 201, 225

 134, 134, 225

 224, 224, 225

 111, 111, 225

 225, 246, 225


 89, 89, 225

 225, 255, 225

 66, 66, 225

 44, 44, 225

 21, 21, 225

 0, 0, 225

Harmonies

Analogous

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



148, 174, 228



179, 179, 225



207, 171, 211

Triad

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



179, 179, 225



223, 184, 147



131, 169, 196

Complementary

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



179, 179, 225



179, 225, 179

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, 192, 191



179, 179, 225



180, 205, 138

Square

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



179, 179, 225



230, 167, 166



140, 187, 145



117, 157, 200

Rectangle

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



179, 179, 225



220, 168, 197



140, 187, 145



139, 176, 195

Sweetspot

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



179, 179, 225



240, 240, 255



179, 202, 225



119, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



179, 179, 225



191, 191, 255



202, 179, 225



101, 101, 112



0, 0, 176



0, 0, 48

Inverse Universe

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



225, 179, 225



255, 191, 255



179, 225, 202



112, 101, 112



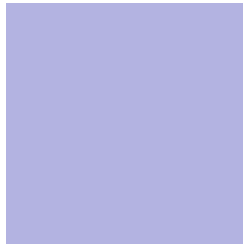
176, 0, 176



48, 0, 48

Previews

White Background



This preview shows how the RYB color 179, 179, 225 looks on a white background.

Color Contrast Check

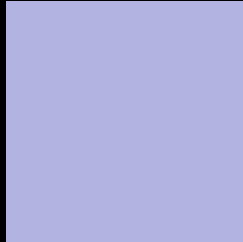
Large Text (above 18pt) WCAG AA × Fail

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 179, 179, 225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

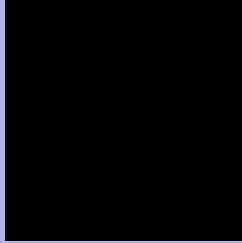
Any Text WCAG AA ✓ Pass

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 179, 179, 225 Background



This preview shows how black text looks on a background with the RYB color 179, 179, 225.



This preview shows how white text looks on a background with the RYB color 179, 179, 225.

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](#).

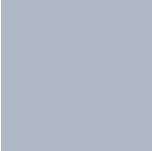
Dichromacy



Original Color
179, 179, 225

Protanopia
172, 180, 226

Deuteranopia
179, 179, 225



Tritanopia

174, 181, 198

Trichromacy



Original Color
179, 179, 225

Protanomaly
175, 180, 226

Deuteranomaly
179, 179, 225

Tritanomaly
176, 181, 208

Monochromacy



Original Color
179, 179, 225

Achromatopsia
184, 184, 184

Achromatomaly
182, 182, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 179, 225 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(179, 179, 225)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 225)  
}
```

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(179, 179, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 179, 225) }
```

Border

The CSS property to change the border of an element to RYB 179, 179, 225 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(179, 179, 225) }
```

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

```
.border{ border-color:rgb(179, 179, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 179, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 179, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 179, 225);  
box-shadow:4px 4px 4px 4px rgb(179, 179,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 179, 179, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 179, 225) }
```

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

```
.background{ background-color: rgb(179,  
179, 225) }
```

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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