

Converting Colors

`RYB(179, 170, 224)`

Have a look what the booklet for RYB(179, 170, 224) contains.

RYB(179, 170, 224)	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(179, 170, 224)

Conversions

Conversions Part 1

Format	Color
Hex	B3AAE0
RGB	179, 170, 224
RGB Percent	70%, 67%, 88%
CMY	0.2980, 0.3333, 0.1216
CMYK	0.20, 0.24, 0.00, 0.12
HSL	250°, 47%, 77%
HSV	250°, 24%, 88%
XYZ	46.4197, 43.7150, 76.5123
YIQ	178.8470, -11.9700, 18.7020

Conversions

Conversions Part 2

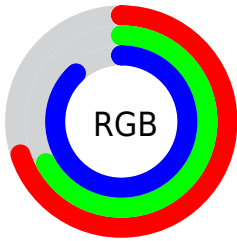
Format	Color
R_{YB}	179, 170, 224
Decimal	11774688
CIE Lab	72.04, 14.28, -26.02
CIE LCh	72, 29.682, 298.761
Yxy	43.7150, 0.2786, 0.2623
Android (android.graphics.Color)	4289964768 (0xFFB3AAE0)
YUV	178.8470, 22.2604, 0.1342
Hunter-Lab	66.1173, 9.6161, -22.3295

Details

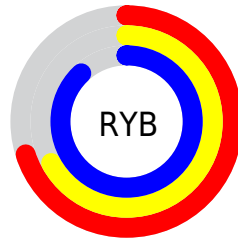
The RYB color **179, 170, 224** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **170, 224, 179**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **235, 225, 255**, and **125, 118, 169** is the 20% darker color. If you saturate the color by 10%, you get **160, 148, 224**, and if you desaturate by 10%, it is **198, 192, 224**.

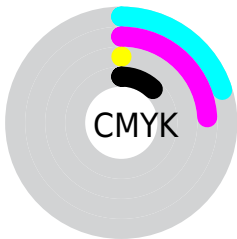
Distribution



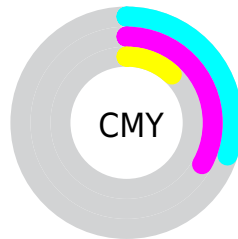
- Red (70%)
- Green (67%)
- Blue (88%)



- Red (70%)
- Yellow (67%)
- Blue (88%)



- Cyan (20%)
- Magenta (24%)
- Yellow (0%)
- Black (12%)



- Cyan (30%)
- Magenta (33%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 170, 224 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, 170, 224 by changing the saturation by 10% instead.

■ 179, 170, 224

255, 255, 255

■ 235, 225, 255

255, 254, 255

■ 179, 170, 224

■ 152, 144, 196

■ 125, 118, 169

■ 100, 93, 142

■ 75, 70, 116

■ 51, 47, 91

■ 27, 26, 68


■ 7, 0, 45


■ 0, 1, 24


■ 0, 0, 0

 179, 170, 224

 179, 170, 224

 160, 148, 224

 198, 192, 224

 142, 125, 224

 216, 215, 224

 123, 103, 224

 224, 237, 226

 104, 80, 224

 224, 255, 225

 86, 58, 224

 224, 255, 224

 67, 36, 224

 48, 13, 224

 37, 0, 224

Harmonies

Analogous

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



140, 167, 230



179, 170, 224



210, 161, 205

Triad

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



179, 170, 224



219, 186, 131



107, 155, 192

Complementary

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



179, 170, 224



170, 224, 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.



137, 180, 189



179, 170, 224



155, 197, 122

Square

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



179, 170, 224



230, 159, 152



128, 183, 143



91, 144, 202

Rectangle

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



179, 170, 224



224, 158, 188



128, 183, 143



117, 162, 191

Sweetspot

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



179, 170, 224



240, 237, 255



170, 195, 224



119, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



179, 170, 224



193, 181, 255



206, 170, 224



103, 101, 112



29, 0, 176



8, 0, 48

Inverse Universe

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



224, 170, 215



255, 181, 243



170, 224, 206



112, 101, 110



176, 0, 147



48, 0, 40

Previews

White Background



This preview shows how the RYB color 179, 170, 224 looks on a white background.

Color Contrast Check

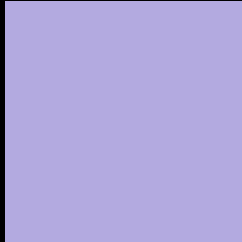
Large Text (above 18pt) WCAG AA × Fail

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, 170, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

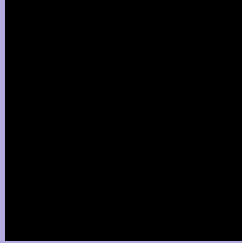
Any Text WCAG AA ✓ Pass

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, 170, 224 Background



This preview shows how black text looks on a background with the RYB color 179, 170, 224.



This preview shows how white text looks on a background with the RYB color 179, 170, 224.

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, 170, 224

Protanopia

163, 173, 227

Deuteranopia

169, 173, 223



Tritanopia
173, 176, 190

Trichromacy



Original Color
179, 170, 224

Protanomaly
169, 173, 226

Deuteranomaly
173, 172, 223

Tritanomaly
175, 174, 202

Monochromacy



Original Color
179, 170, 224

Achromatopsia
179, 179, 179

Achromatomaly
179, 176, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 170, 224 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, 170, 224)` looks like.

```
.text, #text, p{  
  color:rgb(179, 170, 224)  
}
```

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, 170, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 170, 224) }
```

Border

The CSS property to change the border of an element to RYB 179, 170, 224 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, 170, 224) }
```

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

```
.border{ border-color:rgb(179, 170, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 170, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 170, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 170, 224);  
box-shadow:4px 4px 4px 4px rgb(179, 170,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 179, 170, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 170, 224) }
```

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

```
.background{ background-color: rgb(179,  
170, 224) }
```

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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