

Converting Colors

`RYB(188, 179, 230)`

Have a look what the booklet for
RYB(188, 179, 230) contains.

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Color

R_YB(188, 179, 230)

Conversions

Conversions Part 1

Format	Color
Hex	BCB3E6
RGB	188, 179, 230
RGB Percent	74%, 70%, 90%
CMY	0.2627, 0.2980, 0.0980
CMYK	0.18, 0.22, 0.00, 0.10
HSL	251°, 50%, 80%
HSV	251°, 22%, 90%
XYZ	51.1421, 48.6447, 81.5568
YIQ	187.5050, -11.0070, 17.7690

Conversions

Conversions Part 2

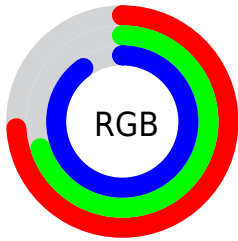
Format	Color
RYB	188, 179, 230
Decimal	12366822
CIELab	75.23, 13.45, -24.34
CIELCh	75, 27.808, 298.915
Yxy	48.6447, 0.2820, 0.2682
Android (android.graphics.Color)	4290556902 (0xFFBCB3E6)
YUV	187.5050, 20.9500, 0.4341
Hunter-Lab	69.7458, 8.8325, -20.5084

Details

The RYB color **188, 179, 230** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **179, 230, 188**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **245, 235, 255**, and **134, 126, 174** is the 20% darker color. If you saturate the color by 10%, you get **169, 156, 230**, and if you desaturate by 10%, it is **207, 202, 230**.

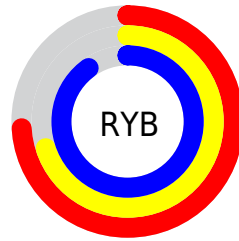
Distribution



Red (74%)

Green (70%)

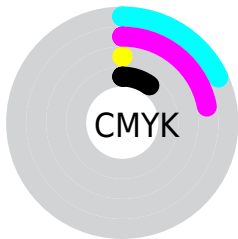
Blue (90%)



Red (74%)

Yellow (70%)

Blue (90%)

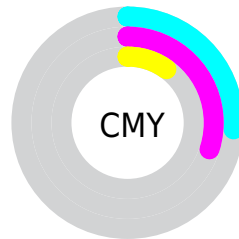


Cyan (18%)

Magenta (22%)

Yellow (0%)

Black (10%)



Cyan (26%)

Magenta (30%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 179, 230 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 188, 179, 230 by changing the saturation by 10% instead.

■ 188, 179, 230

255, 255, 255

■ 245, 235, 255

■ 188, 179, 230

■ 161, 152, 202

■ 134, 126, 174

■ 108, 101, 148

■ 83, 77, 122


■ 59, 55, 97

■ 36, 33, 73

■ 14, 12, 50

■ 0, 2, 29


■ 0, 0, 0

 188, 179, 230


 188, 179, 230

 169, 156, 230

 207, 202, 230

 150, 133, 230

 226, 225, 230

 131, 110, 230

 230, 248, 233


 112, 87, 230

 230, 255, 230

 93, 64, 230

 74, 41, 230

 55, 18, 230

 41, 0, 230

Harmonies

Analogous

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



152, 177, 236



188, 179, 230



217, 171, 212

Triad

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



188, 179, 230



226, 196, 142



122, 166, 200

Complementary

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



188, 179, 230



179, 230, 188

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.



148, 189, 197



188, 179, 230



166, 205, 134

Square

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



188, 179, 230



237, 169, 162



140, 191, 153



108, 156, 209

Rectangle

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



188, 179, 230



230, 167, 196



140, 191, 153



130, 172, 199

Sweetspot

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



188, 179, 230



240, 237, 255



179, 202, 230



119, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 179, 230



198, 186, 255



213, 179, 230



105, 103, 115



31, 0, 179



9, 0, 51

Inverse Universe

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



230, 179, 221



255, 186, 243



179, 230, 213



115, 103, 113



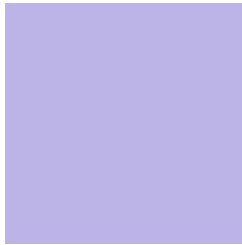
179, 0, 147



51, 0, 42

Previews

White Background



This preview shows how the RYB color 188, 179, 230 looks on a white background.

Color Contrast Check

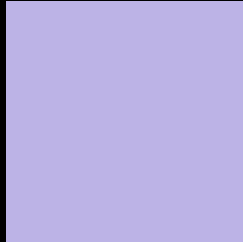
Large Text (above 18pt) WCAG AA × Fail

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 188, 179, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

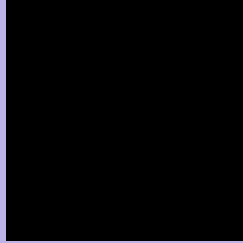
Any Text WCAG AA ✓ Pass

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 188, 179, 230 Background



This preview shows how black text looks on a background with the RYB color 188, 179, 230.



This preview shows how white text looks on a background with the RYB color 188, 179, 230.

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
188, 179, 230

Protanopia
173, 182, 233

Deuteranopia
181, 181, 230



Tritanopia
183, 185, 199

Trichromacy



Original Color
188, 179, 230

Protanomaly
178, 182, 232

Deuteranomaly
184, 180, 230

Tritanomaly
185, 183, 210

Monochromacy



Original Color
188, 179, 230

Achromatopsia
188, 188, 188

Achromatomaly
188, 185, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 179, 230 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(188, 179, 230)` looks like.

```
.text, #text, p{  
    color:rgb(188, 179, 230)  
}
```

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(188, 179, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 179, 230) }
```

Border

The CSS property to change the border of an element to RYB 188, 179, 230 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(188, 179, 230) }
```

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

```
.border{ border-color:rgb(188, 179, 230) }
```

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

Here you see how a box with a 4 pixel rgb(188, 179, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 179, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 179, 230);  
box-shadow:4px 4px 4px 4px rgb(188, 179,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 188, 179, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 179, 230) }
```

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

```
.background{ background-color: rgb(188,  
179, 230) }
```

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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