

Converting Colors

`RYB(198, 179, 235)`

Have a look what the booklet for RYB(198, 179, 235) contains.

RYB(198, 179, 235)	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(198, 179, 235)

Conversions

Conversions Part 1

Format	Color
Hex	C6B3EB
RGB	198, 179, 235
RGB Percent	78%, 70%, 92%
CMY	0.2235, 0.2980, 0.0784
CMYK	0.16, 0.24, 0.00, 0.08
HSL	260°, 58%, 81%
HSV	260°, 24%, 92%
XYZ	54.4042, 50.2441, 85.4279
YIQ	191.0650, -6.6520, 21.4440

Conversions

Conversions Part 2

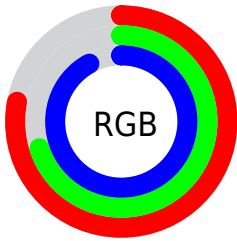
Format	Color
RYB	198, 179, 235
Decimal	13022187
CIELab	76.22, 17.65, -25.47
CIELCh	76, 30.985, 304.728
Yxy	50.2441, 0.2862, 0.2643
Android (android.graphics.Color)	4291212267 (0xFFC6B3EB)
YUV	191.0650, 21.6600, 6.0820
Hunter-Lab	70.8831, 12.9569, -21.8378

Details

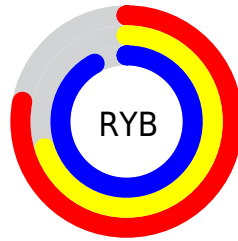
The RYB color **198, 179, 235** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **179, 235, 198**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 235, 255**, and **144, 126, 179** is the 20% darker color. If you saturate the color by 10%, you get **182, 155, 235**, and if you desaturate by 10%, it is **214, 203, 235**.

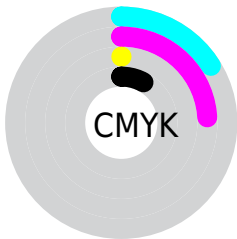
Distribution



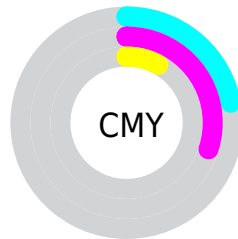
- Red (78%)
- Green (70%)
- Blue (92%)



- Red (78%)
- Yellow (70%)
- Blue (92%)



- Cyan (16%)
- Magenta (24%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (30%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 179, 235 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 198, 179, 235 by changing the saturation by 10% instead.


 198, 179, 235

255, 255, 255

 255, 235, 255

 198, 179, 235

 170, 152, 207

 144, 126, 179

 118, 101, 152

 92, 77, 126

 68, 54, 101

 44, 33, 77

 22, 12, 54

 0, 1, 32

 0, 0, 4

■ 198, 179, 235

■ 198, 179, 235

■ 182, 155, 235

■ 214, 203, 235

■ 167, 132, 235

■ 229, 226, 235

■ 151, 108, 235

■ 235, 249, 239

■ 136, 85, 235

■ 235, 255, 235

■ 120, 61, 235

■ 105, 38, 235

■ 89, 14, 235

■ 80, 0, 235

Harmonies

Analogous

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



158, 181, 245



198, 179, 235



228, 170, 213

Triad

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



198, 179, 235



229, 211, 137



110, 160, 204

Complementary

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



198, 179, 235



179, 235, 198

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.



140, 185, 202



198, 179, 235



151, 204, 131

Square

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



198, 179, 235



244, 172, 157



140, 196, 163



98, 154, 220

Rectangle

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



198, 179, 235



241, 167, 194



140, 196, 163



119, 168, 204

Sweetspot

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



198, 179, 235



243, 237, 255



179, 201, 235



121, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



198, 179, 235



206, 181, 255



226, 179, 235



110, 106, 117



61, 0, 181



18, 0, 54

Inverse Universe

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



235, 179, 216



255, 181, 230



179, 235, 226



117, 106, 113



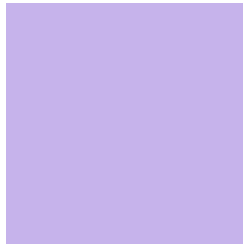
181, 0, 120



54, 0, 35

Previews

White Background



This preview shows how the RYB color 198, 179, 235 looks on a white background.

Color Contrast Check

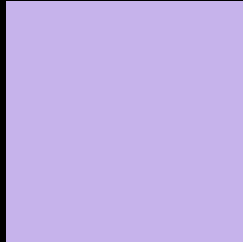
Large Text (above 18pt) WCAG AA × Fail

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 198, 179, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

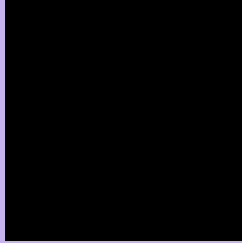
Any Text WCAG AA ✓ Pass

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 198, 179, 235 Background



This preview shows how black text looks on a background with the RYB color 198, 179, 235.



This preview shows how white text looks on a background with the RYB color 198, 179, 235.

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
198, 179, 235

Protanopia
174, 184, 240

Deuteranopia
183, 184, 234



Tritanopia
192, 185, 200

Trichromacy



Original Color
198, 179, 235

Protanomaly
183, 183, 238

Deuteranomaly
188, 182, 234

Tritanomaly
194, 183, 213

Monochromacy



Original Color
198, 179, 235

Achromatopsia
191, 191, 191

Achromatomaly
194, 187, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 179, 235 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(198, 179, 235)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 235)  
}
```

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(198, 179, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 235) }
```

Border

The CSS property to change the border of an element to RYB 198, 179, 235 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(198, 179, 235) }
```

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

```
.border{ border-color:rgb(198, 179, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 179, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 235);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 198, 179, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 235) }
```

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

```
.background{ background-color: rgb(198,  
179, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor