

Converting Colors

`RYB(179, 184, 252)`

Have a look what the booklet for
RYB(179, 184, 252) contains.

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Color

R_YB(179, 184, 252)

Conversions

Conversions Part 1

Format	Color
Hex	B3B8FC
RGB	179, 184, 252
RGB Percent	70%, 72%, 99%
CMY	0.2980, 0.2770, 0.0118
CMYK	0.29, 0.27, 0.00, 0.01
HSL	236°, 92%, 85%
HSV	236°, 29%, 99%
XYZ	53.3781, 51.0459, 99.1350
YIQ	190.2570, -24.8080, 20.0880

Conversions

Conversions Part 2

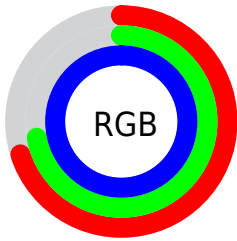
Format	Color
RYB	179, 184, 252
Decimal	11778300
CIELab	76.71, 12.92, -34.00
CIElCh	77, 36.377, 290.806
Yxy	51.0459, 0.2622, 0.2508
Android (android.graphics.Color)	4289968380 (0xFFB3B8FC)
YUV	190.2570, 30.4393, -9.8724
Hunter-Lab	71.4464, 8.3272, -32.2549

Details

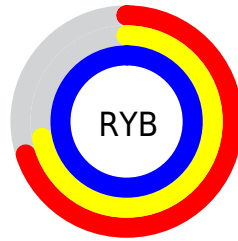
The RYB color **179, 184, 252** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **184, 252, 179**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **236, 239, 255**, and **124, 130, 195** is the 20% darker color. If you saturate the color by 10%, you get **154, 161, 252**, and if you desaturate by 10%, it is **204, 208, 252**.

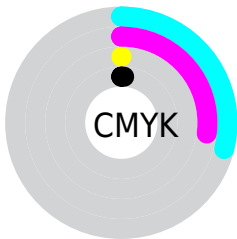
Distribution



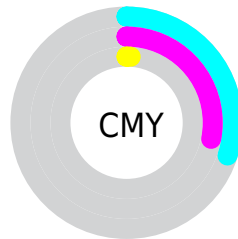
- Red (70%)
- Green (72%)
- Blue (99%)



- Red (70%)
- Yellow (72%)
- Blue (99%)



- Cyan (29%)
- Magenta (27%)
- Yellow (0%)
- Black (1%)



- Cyan (30%)
- Magenta (28%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 184, 252 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, 184, 252 by changing the saturation by 10% instead.

■ 179, 184, 252

255, 255, 255

■ 236, 239, 255

■ 179, 184, 252

■ 151, 157, 223

■ 124, 130, 195

■ 98, 105, 168

■ 72, 81, 141

■ 46, 57, 115

■ 16, 33, 90

■ 0, 14, 67

■ 0, 3, 44

■ 0, 1, 22

■ 179, 184, 252

■ 179, 184, 252

■ 154, 161, 252

■ 204, 208, 252

■ 129, 137, 252

■ 229, 231, 252

■ 103, 113, 252

■ 254, 255, 252

■ 78, 90, 252

■ 252, 255, 252

■ 53, 67, 252

■ 28, 43, 252

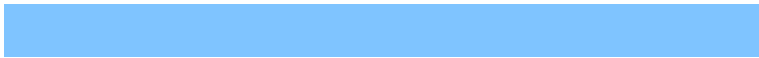
■ 3, 20, 252

■ 0, 18, 252

Harmonies

Analogous

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



127, 172, 255



179, 184, 252



222, 173, 232

Triad

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



179, 184, 252



246, 188, 138



109, 167, 207

Complementary

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



179, 184, 252



184, 252, 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.



146, 203, 199



179, 184, 252



185, 222, 123

Square

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



179, 184, 252



255, 165, 167



126, 195, 133



75, 142, 212

Rectangle

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



179, 184, 252



242, 167, 212



126, 195, 133



123, 178, 206

Sweetspot

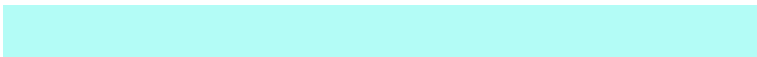
The Sweet Spot groups the original color and five complimentary colors.



179, 184, 252



232, 234, 255



179, 217, 252



113, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



179, 184, 252



166, 172, 255



209, 179, 252



112, 113, 125



0, 13, 189



0, 5, 61

Inverse Universe

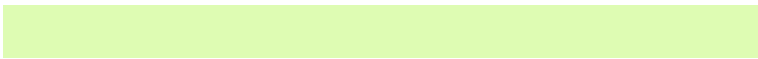
The Inverse Universe completely reimagines the original color for something new.



252, 179, 184



255, 166, 172



179, 252, 209



125, 112, 113



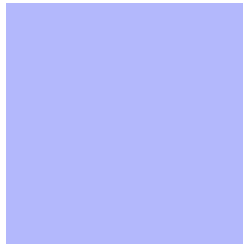
189, 0, 14



61, 0, 5

Previews

White Background



This preview shows how the RYB color 179, 184, 252 looks on a white background.

Color Contrast Check

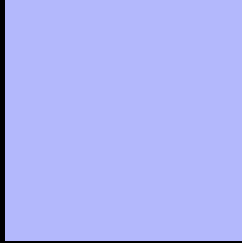
Large Text (above 18pt) WCAG AA × Fail

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, 184, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

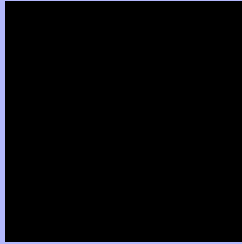
Any Text WCAG AA ✓ Pass

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, 184, 252 Background



This preview shows how black text looks on a background with the RYB color 179, 184, 252.



This preview shows how white text looks on a background with the RYB color 179, 184, 252.

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](#).

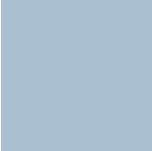
Dichromacy



Original Color
179, 184, 252

Protanopia
170, 184, 254

Deuteranopia
173, 184, 252



Tritanopia
170, 184, 208

Trichromacy



Original Color
179, 184, 252

Protanomaly
173, 184, 253

Deuteranomaly
175, 184, 252

Tritanomaly
173, 186, 224

Monochromacy



Original Color
179, 184, 252

Achromatopsia
190, 190, 190

Achromatomaly
186, 188, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 184, 252 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, 184, 252)` looks like.

```
.text, #text, p{  
    color:rgb(179, 184, 252)  
}
```

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, 184, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 184, 252) }
```

Border

The CSS property to change the border of an element to RYB 179, 184, 252 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, 184, 252) }
```

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

```
.border{ border-color:rgb(179, 184, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 184, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 184, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 184, 252);  
box-shadow:4px 4px 4px 4px rgb(179, 184,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 179, 184, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 184, 252) }
```

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

```
.background{ background-color: rgb(179,  
184, 252) }
```

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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