

Converting Colors

`RYB(178, 194, 245)`

Have a look what the booklet for
RYB(178, 194, 245) contains.

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Color

R_YB(178, 194, 245)

Conversions

Conversions Part 1

Format	Color
Hex	B2C7F5
RGB	178, 199, 245
RGB Percent	70%, 78%, 96%
CMY	0.3020, 0.2195, 0.0392
CMYK	0.27, 0.19, 0.00, 0.04
HSL	221°, 77%, 83%
HSV	221°, 27%, 96%
XYZ	55.2695, 56.9134, 94.4586
YIQ	197.9650, -27.2820, 9.8540

Conversions

Conversions Part 2

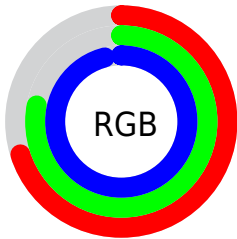
Format	Color
RYB	178, 194, 245
Decimal	11716597
CIELab	80.13, 2.98, -25.00
CIELCh	80, 25.181, 276.793
Yxy	56.9134, 0.2675, 0.2754
Android (android.graphics.Color)	4289906677 (0xFFB2C7F5)
YUV	197.9650, 23.1883, -17.5093
Hunter-Lab	75.4410, -1.2493, -21.4275

Details

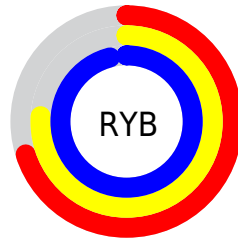
The RYB color **178, 194, 245** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **209, 245, 178**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **235, 245, 255**, and **124, 140, 189** is the 20% darker color. If you saturate the color by 10%, you get **154, 175, 245**, and if you desaturate by 10%, it is **203, 213, 245**.

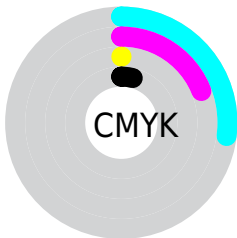
Distribution



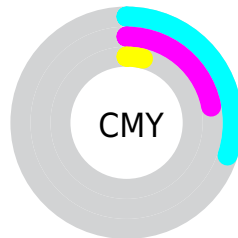
- Red (70%)
- Green (78%)
- Blue (96%)



- Red (70%)
- Yellow (76%)
- Blue (96%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (30%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 194, 245 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 178, 194, 245 by changing the saturation by 10% instead.

 178, 194, 245


255, 255, 255

 235, 245, 255

 178, 194, 245


 151, 167, 216

 124, 140, 189

 98, 114, 162

 72, 89, 135

 47, 64, 110

 20, 40, 85

 0, 20, 62

 0, 1, 40

 0, 1, 18

■ 178, 194, 245

■ 178, 194, 245

■ 154, 175, 245

■ 203, 213, 245

■ 129, 156, 245

■ 227, 232, 245

■ 104, 138, 245

■ 248, 251, 245

■ 80, 120, 245

■ 245, 255, 245

■ 55, 101, 245

■ 31, 82, 245

■ 6, 63, 245

■ 0, 59, 245

Harmonies

Analogous

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



148, 184, 241



178, 194, 245



209, 191, 236

Triad

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



178, 194, 245



245, 188, 172



158, 195, 210

Complementary

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



178, 194, 245



209, 245, 178

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.



161, 206, 182



178, 194, 245



232, 221, 156

Square

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



178, 194, 245



246, 182, 194



167, 211, 152



138, 177, 212

Rectangle

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



178, 194, 245



227, 186, 225



167, 211, 152



167, 205, 209

Sweetspot

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



178, 194, 245



235, 240, 255



178, 218, 245



115, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



178, 194, 245



171, 191, 255



190, 178, 245



110, 113, 122



0, 44, 186



0, 14, 59

Inverse Universe

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



245, 178, 199



255, 171, 197



178, 245, 190



122, 110, 114



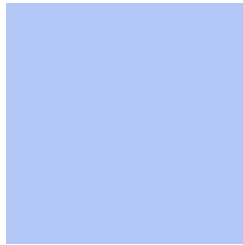
186, 0, 58



59, 0, 18

Previews

White Background



This preview shows how the RYB color 178, 194, 245 looks on a white background.

Color Contrast Check

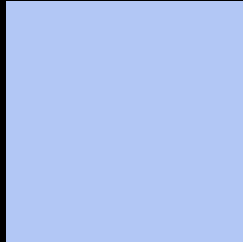
Large Text (above 18pt) WCAG AA × Fail

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 178, 194, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

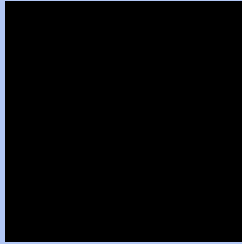
Any Text WCAG AA ✓ Pass

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 178, 194, 245 Background



This preview shows how black text looks on a background with the RYB color 178, 194, 245.



This preview shows how white text looks on a background with the RYB color 178, 194, 245.

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](#).

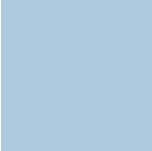
Dichromacy



Original Color
178, 194, 245

Protanopia
188, 195, 243

Deuteranopia
193, 194, 246



Tritanopia
173, 191, 220

Trichromacy



Original Color

178, 194, 245

Protanomaly

184, 195, 244

Deuteranomaly

188, 195, 246

Tritanomaly

175, 193, 229

Monochromacy



Original Color

178, 194, 245

Achromatopsia

198, 198, 198

Achromatomaly

191, 196, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 194, 245 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(178, 199, 245)` looks like.

```
.text, #text, p{  
    color:rgb(178, 199, 245)  
}
```

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(178, 199, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 199, 245) }
```

Border

The CSS property to change the border of an element to RYB 178, 194, 245 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(178, 199, 245) }
```

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

```
.border{ border-color:rgb(178, 199, 245) }
```

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

Here you see how a box with a 4 pixel rgb(178, 199, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 199, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 199, 245);  
box-shadow:4px 4px 4px 4px rgb(178, 199,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 178, 194, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 199, 245) }
```

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

```
.background{ background-color: rgb(178,  
199, 245) }
```

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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