

Converting Colors

`RYB(177, 192, 226)`

Have a look what the booklet for
RYB(177, 192, 226) contains.

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Color

`RYB(177, 192, 226)`

Conversions

Conversions Part 1

Format	Color
Hex	B1C7E2
RGB	177, 199, 226
RGB Percent	69%, 78%, 89%
CMY	0.3059, 0.2211, 0.1137
CMYK	0.22, 0.12, 0.00, 0.11
HSL	214°, 46%, 79%
HSV	214°, 22%, 89%
XYZ	52.1945, 55.5092, 79.9149
YIQ	195.5000, -21.7790, 3.7330

Conversions

Conversions Part 2

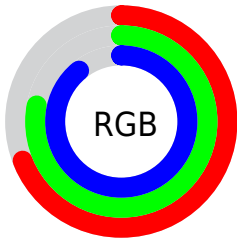
Format	Color
RYB	177, 192, 226
Decimal	11651042
CIELab	79.33, -1.47, -16.04
CIElCh	79, 16.106, 264.752
Yxy	55.5092, 0.2782, 0.2959
Android (android.graphics.Color)	4289841122 (0xFFB1C7E2)
YUV	195.5000, 15.0365, -16.2245
Hunter-Lab	74.5045, -5.3339, -11.4424

Details

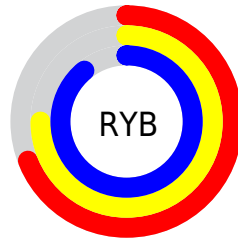
The RYB color **177, 192, 226** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **217, 226, 177**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **233, 244, 255**, and **124, 139, 171** is the 20% darker color. If you saturate the color by 10%, you get **154, 176, 226**, and if you desaturate by 10%, it is **200, 208, 226**.

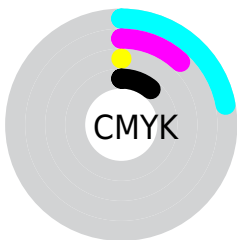
Distribution



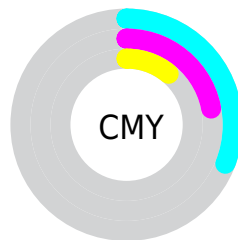
- Red (69%)
- Green (78%)
- Blue (89%)



- Red (69%)
- Yellow (75%)
- Blue (89%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 192, 226 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 177, 192, 226 by changing the saturation by 10% instead.

■ 177, 192, 226

255, 255, 255

■ 233, 244, 255

■ 177, 192, 226

■ 150, 165, 198

■ 124, 139, 171

■ 98, 112, 144

■ 73, 88, 118

■ 49, 64, 94

■ 26, 41, 70

■ 1, 18, 48

■ 0, 1, 27

■ 0, 0, 0

■ 177, 192, 226

■ 177, 192, 226

■ 154, 176, 226

■ 200, 208, 226

■ 132, 161, 226

■ 222, 223, 226

■ 109, 145, 226

■ 240, 245, 226

■ 87, 129, 226

■ 234, 255, 226

■ 64, 113, 226

■ 226, 255, 226

■ 41, 98, 226

■ 19, 82, 226

■ 0, 69, 226

Harmonies

Analogous

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



162, 186, 220



177, 192, 226



196, 194, 224

Triad

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



177, 192, 226



229, 187, 185



178, 202, 203

Complementary

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



177, 192, 226



217, 226, 177

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.



169, 199, 173



177, 192, 226



223, 199, 173

Square

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



177, 192, 226



225, 186, 200



192, 211, 167



164, 188, 205

Rectangle

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



177, 192, 226



208, 190, 218



192, 211, 167



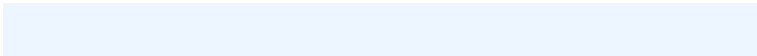
175, 202, 194

Sweetspot

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



177, 192, 226



237, 243, 255



177, 209, 226



117, 120, 128



0, 0, 0



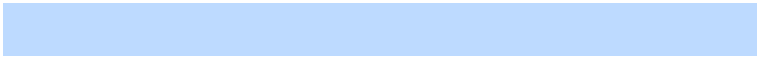
128, 128, 128

Same Dimension

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



177, 192, 226



189, 209, 255



179, 177, 226



101, 104, 112



0, 54, 176



0, 15, 48

Inverse Universe

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



226, 177, 199



255, 189, 218



177, 226, 179



112, 101, 106



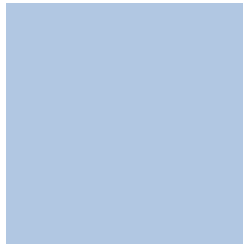
176, 0, 78



48, 0, 21

Previews

White Background



This preview shows how the RYB color 177, 192, 226 looks on a white background.

Color Contrast Check

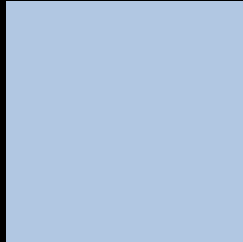
Large Text (above 18pt) WCAG AA × Fail

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 177, 192, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

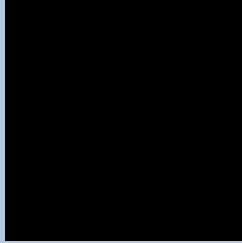
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

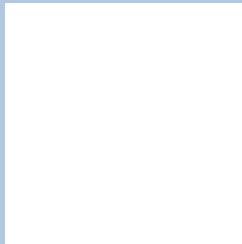
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 177, 192, 226 Background



This preview shows how black text looks on a background with the RYB color 177, 192, 226.

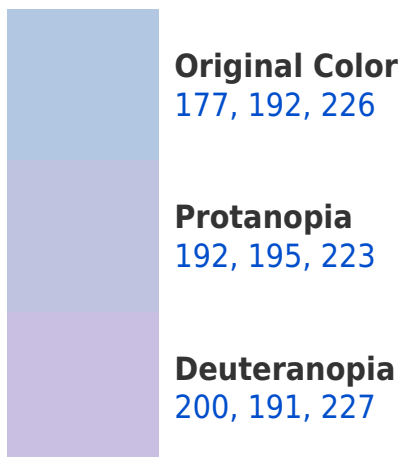


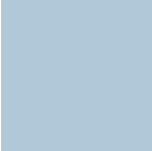
This preview shows how white text looks on a background with the RYB color 177, 192, 226.

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





Tritanopia
175, 191, 216

Trichromacy



Original Color

177, 192, 226

Protanomaly

187, 194, 224

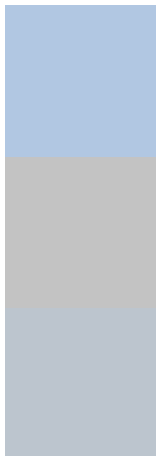
Deuteranomaly

192, 194, 227

Tritanomaly

176, 191, 220

Monochromacy



Original Color

177, 192, 226

Achromatopsia

195, 195, 195

Achromatomaly

188, 194, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 192, 226 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(177, 199, 226)` looks like.

```
.text, #text, p{  
    color:rgb(177, 199, 226)  
}
```

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(177, 199, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 199, 226) }
```

Border

The CSS property to change the border of an element to RYB 177, 192, 226 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(177, 199, 226) }
```

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

```
.border{ border-color:rgb(177, 199, 226) }
```

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

Here you see how a box with a 4 pixel rgb(177, 199, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 199, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 199, 226);  
box-shadow:4px 4px 4px 4px rgb(177, 199,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 177, 192, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 199, 226) }
```

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

```
.background{ background-color: rgb(177,  
199, 226) }
```

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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