

Converting Colors

`RYB(183, 194, 223)`

Have a look what the booklet for
RYB(183, 194, 223) contains.

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Color

R_YB(183, 194, 223)

Conversions

Conversions Part 1

Format	Color
Hex	B7C6DF
RGB	183, 198, 223
RGB Percent	72%, 78%, 87%
CMY	0.2824, 0.2229, 0.1255
CMYK	0.18, 0.11, 0.00, 0.13
HSL	217°, 38%, 80%
HSV	217°, 18%, 87%
XYZ	53.0812, 55.8620, 77.7968
YIQ	196.3650, -16.9650, 4.5950

Conversions

Conversions Part 2

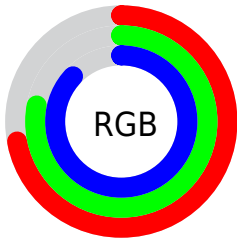
Format	Color
RYB	183, 194, 223
Decimal	12043999
CIELab	79.54, -0.04, -14.08
CIELCh	80, 14.083, 269.853
Yxy	55.8620, 0.2843, 0.2991
Android (android.graphics.Color)	4290234079 (0xFFB7C6DF)
YUV	196.3650, 13.1311, -11.7211
Hunter-Lab	74.7409, -4.0253, -9.3955

Details

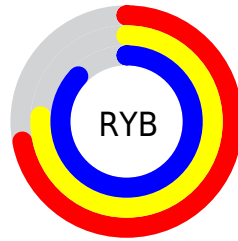
The RYB color **183, 194, 223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 223, 183**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **239, 247, 255**, and **130, 140, 168** is the 20% darker color. If you saturate the color by 10%, you get **161, 178, 223**, and if you desaturate by 10%, it is **205, 210, 223**.

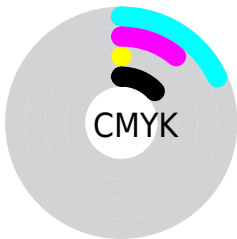
Distribution



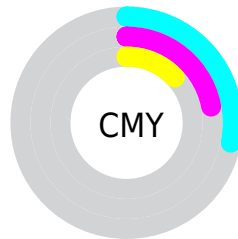
- Red (72%)
- Green (78%)
- Blue (87%)



- Red (72%)
- Yellow (76%)
- Blue (87%)



- Cyan (18%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (28%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 194, 223 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 183, 194, 223 by changing the saturation by 10% instead.

■ 183, 194, 223

255, 255, 255

■ 239, 247, 255

■ 183, 194, 223

■ 156, 167, 195

■ 130, 140, 168

■ 104, 115, 141

■ 80, 90, 116

■ 56, 67, 91

■ 33, 44, 68

■ 10, 22, 45

■ 0, 1, 25

■ 0, 0, 0

■ 183, 194, 223

■ 183, 194, 223

■ 161, 178, 223

■ 205, 210, 223

■ 138, 161, 223

■ 226, 228, 223

■ 116, 146, 223

■ 239, 250, 223

■ 94, 130, 223

■ 224, 255, 223

■ 71, 113, 223

■ 223, 255, 223

■ 49, 97, 223

■ 27, 81, 223

■ 5, 65, 223

■ 0, 62, 223

Harmonies

Analogous

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



169, 189, 219



183, 194, 223



200, 194, 220

Triad

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



183, 194, 223



225, 189, 185



178, 198, 203

Complementary

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



183, 194, 223



207, 223, 183

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.



174, 200, 181



183, 194, 223



219, 203, 175

Square

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



183, 194, 223



223, 188, 198



189, 208, 171



167, 188, 205

Rectangle

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



183, 194, 223



210, 191, 214



189, 208, 171



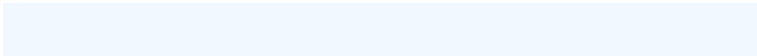
180, 203, 200

Sweetspot

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



183, 194, 223



242, 246, 255



183, 208, 223



120, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 194, 223



199, 214, 255



188, 183, 223



101, 104, 112



0, 49, 176



0, 13, 48

Inverse Universe

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



223, 183, 198



255, 199, 220



183, 223, 188



112, 101, 105



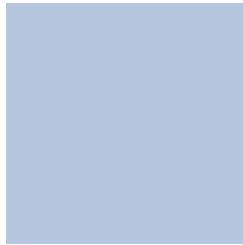
176, 0, 67



48, 0, 18

Previews

White Background



This preview shows how the RYB color 183, 194, 223 looks on a white background.

Color Contrast Check

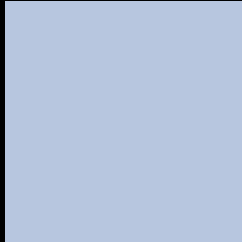
Large Text (above 18pt) WCAG AA × Fail

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 183, 194, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

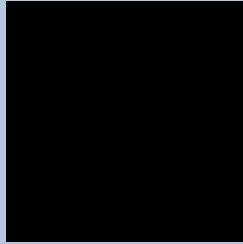
Any Text WCAG AA ✓ Pass

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](#).

RYP 183, 194, 223 Background



This preview shows how black text looks on a background with the RYP color 183, 194, 223.



This preview shows how white text looks on a background with the RYP color 183, 194, 223.

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
183, 194, 223

Protanopia
193, 195, 221

Deuteranopia
203, 192, 224



Tritanopia
182, 193, 215

Trichromacy



Original Color
183, 194, 223

Protanomaly
189, 195, 222

Deuteranomaly
196, 194, 224

Tritanomaly
182, 194, 218

Monochromacy



Original Color
183, 194, 223

Achromatopsia
196, 196, 196

Achromatomaly
191, 195, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 194, 223 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(183, 198, 223)` looks like.

```
.text, #text, p{  
    color:rgb(183, 198, 223)  
}
```

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(183, 198, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 198, 223) }
```

Border

The CSS property to change the border of an element to RYB 183, 194, 223 is called "border". The border property can be set on classes, ids or directly on the HTML element.

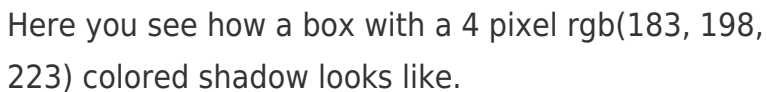
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 198, 223) }
```

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

```
.border{ border-color:rgb(183, 198, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 198, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 198, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 198, 223); box-shadow:4px 4px 4px 4px rgb(183, 198, 223) }
```

Background

The CSS property to change the background color of an element to RYB 183, 194, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 198, 223) }
```

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

```
.background{ background-color: rgb(183,  
198, 223) }
```

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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