

Converting Colors

`RYB(171, 183, 207)`

Have a look what the booklet for
RYB(171, 183, 207) contains.

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Color

R_YB(171, 183, 207)

Conversions

Conversions Part 1

Format	Color
Hex	ABBDCF
RGB	171, 189, 207
RGB Percent	67%, 74%, 81%
CMY	0.3294, 0.2588, 0.1882
CMYK	0.17, 0.09, 0.00, 0.19
HSL	210°, 27%, 74%
HSV	210°, 17%, 81%
XYZ	46.2547, 49.5581, 66.1593
YIQ	185.6700, -16.5060, 1.7820

Conversions

Conversions Part 2

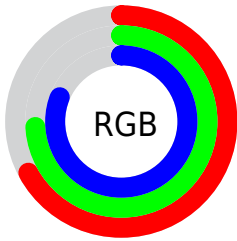
Format	Color
RYB	171, 183, 207
Decimal	11255247
CIELab	75.80, -2.39, -11.13
CIElCh	76, 11.380, 257.871
Yxy	49.5581, 0.2856, 0.3060
Android (android.graphics.Color)	4289445327 (0xFFABBDCF)
YUV	185.6700, 10.5157, -12.8656
Hunter-Lab	70.3975, -5.9123, -6.4422

Details

The RYB color **171, 183, 207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207, 207, 171**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **227, 238, 255**, and **118, 130, 153** is the 20% darker color. If you saturate the color by 10%, you get **150, 169, 207**, and if you desaturate by 10%, it is **192, 197, 207**.

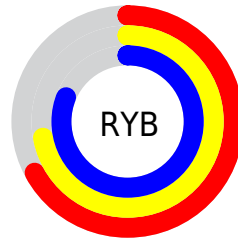
Distribution



Red (67%)

Green (74%)

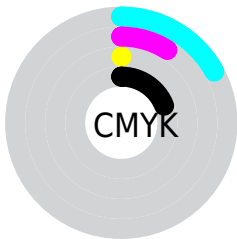
Blue (81%)



Red (67%)

Yellow (72%)

Blue (81%)

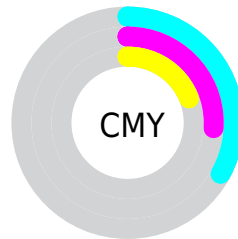


Cyan (17%)

Magenta (9%)

Yellow (0%)

Black (19%)



Cyan (33%)

Magenta (26%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 183, 207 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 171, 183, 207 by changing the saturation by 10% instead.

■ 171, 183, 207

255, 255, 255

■ 227, 238, 255

■ 171, 183, 207

■ 144, 156, 179

■ 118, 130, 153

■ 93, 104, 127

■ 69, 80, 102

■ 46, 57, 78

■ 24, 35, 55

■ 1, 13, 34

■ 0, 0, 9

■ 0, 0, 0

■ 171, 183, 207

■ 171, 183, 207

■ 150, 169, 207

■ 192, 197, 207

■ 130, 155, 207

■ 210, 212, 207

■ 109, 142, 207

■ 233, 233, 207

■ 88, 128, 207

■ 254, 252, 207

■ 67, 114, 207

■ 227, 255, 207

■ 47, 100, 207

■ 211, 255, 207

■ 26, 87, 207

■ 207, 255, 207

■ 5, 72, 207

■ 0, 69, 207

Harmonies

Analogous

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



162, 179, 202



171, 183, 207



184, 186, 207

Triad

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



171, 183, 207



210, 180, 181



173, 191, 187

Complementary

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



171, 183, 207



207, 207, 171

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.



168, 189, 167



171, 183, 207



207, 186, 172

Square

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



171, 183, 207



206, 180, 191



195, 200, 167



166, 183, 193

Rectangle

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



171, 183, 207



192, 183, 203



195, 200, 167



170, 190, 179

Sweetspot

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



171, 183, 207



242, 247, 255



171, 195, 207



120, 123, 128



0, 0, 0



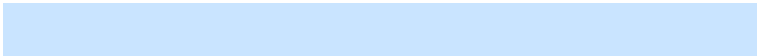
128, 128, 128

Same Dimension

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



171, 183, 207



201, 219, 255



171, 172, 207



94, 97, 105



0, 56, 168



0, 13, 41

Inverse Universe

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



207, 171, 189



255, 201, 228



171, 207, 171



105, 94, 99



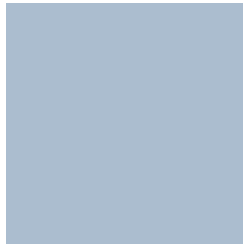
168, 0, 84



41, 0, 20

Previews

White Background



This preview shows how the RYB color 171, 183, 207 looks on a white background.

Color Contrast Check

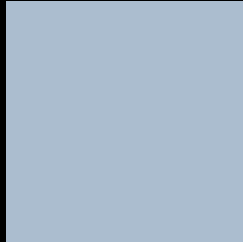
Large Text (above 18pt) WCAG AA × Fail

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 171, 183, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

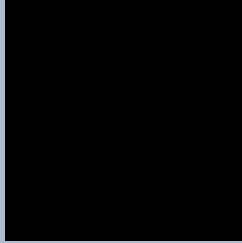
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

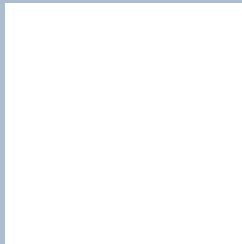
Any Text WCAG AAA ✓ Pass

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

RYB 171, 183, 207 Background



This preview shows how black text looks on a background with the RYB color 171, 183, 207.

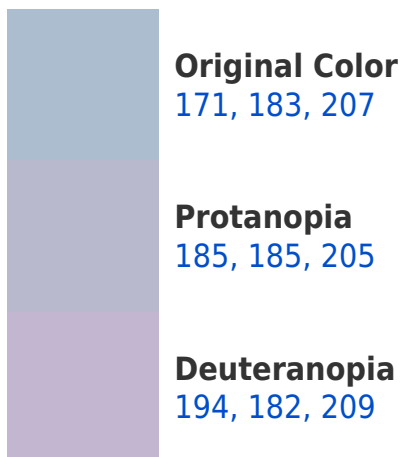


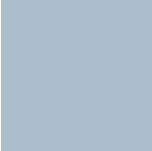
This preview shows how white text looks on a background with the RYB color 171, 183, 207.

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](#).

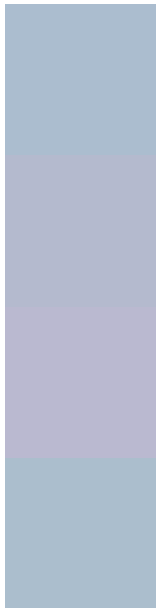
Dichromacy





Tritanopia
171, 183, 204

Trichromacy



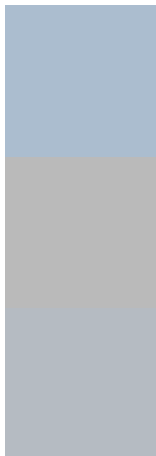
Original Color
171, 183, 207

Protanomaly
180, 185, 206

Deuteranomaly
186, 185, 208

Tritanomaly
171, 183, 205

Monochromacy



Original Color
171, 183, 207

Achromatopsia
186, 186, 186

Achromatomaly
181, 185, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 183, 207 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(171, 189, 207)` looks like.

```
.text, #text, p{  
    color:rgb(171, 189, 207)  
}
```

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(171, 189, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 189, 207) }
```

Border

The CSS property to change the border of an element to RYB 171, 183, 207 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(171, 189, 207) }
```

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

```
.border{ border-color:rgb(171, 189, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 189, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 189, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 189, 207); box-shadow:4px 4px 4px 4px rgb(171, 189, 207) }
```

Background

The CSS property to change the background color of an element to RYB 171, 183, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 189, 207) }
```

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

```
.background{ background-color: rgb(171,  
189, 207) }
```

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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