

Converting Colors

`RYB(181, 186, 203)`

Have a look what the booklet for
RYB(181, 186, 203) contains.

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Color

R_YB(181, 186, 203)

Conversions

Conversions Part 1

Format	Color
Hex	B5BBCB
RGB	181, 187, 203
RGB Percent	71%, 73%, 80%
CMY	0.2902, 0.2648, 0.2039
CMYK	0.11, 0.08, 0.00, 0.20
HSL	222°, 17%, 75%
HSV	222°, 11%, 80%
XYZ	47.7059, 49.8762, 63.6126
YIQ	187.0300, -8.7120, 3.7040

Conversions

Conversions Part 2

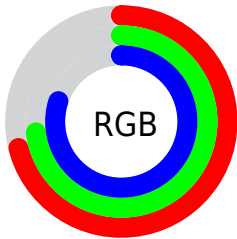
Format	Color
R _Y B	181, 186, 203
Decimal	11910091
CIE Lab	75.99, 0.83, -8.59
CIE LCh	76, 8.627, 275.553
Yxy	49.8762, 0.2960, 0.3094
Android (android.graphics.Color)	4290100171 (0xFFB5BBCB)
YUV	187.0300, 7.8732, -5.2883
Hunter-Lab	70.6231, -3.0137, -3.9684

Details

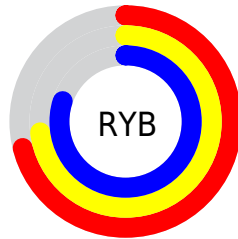
The RYB color **181, 186, 203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 203, 181**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **237, 242, 255**, and **128, 133, 149** is the 20% darker color. If you saturate the color by 10%, you get **161, 170, 203**, and if you desaturate by 10%, it is **201, 202, 203**.

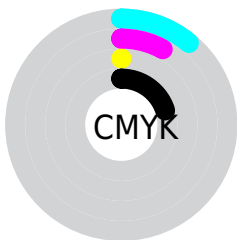
Distribution



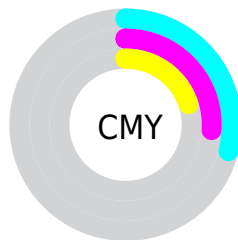
- Red (71%)
- Green (73%)
- Blue (80%)



- Red (71%)
- Yellow (73%)
- Blue (80%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 186, 203 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 181, 186, 203 by changing the saturation by 10% instead.

■ 181, 186, 203

255, 255, 255

■ 237, 242, 255

■ 181, 186, 203

■ 154, 159, 176

■ 128, 133, 149

■ 103, 108, 123

■ 79, 84, 98

■ 56, 61, 74

■ 34, 39, 52

■ 13, 18, 31

■ 0, 0, 4

■ 0, 0, 0

■ 181, 186, 203

■ 181, 186, 203

■ 161, 170, 203

■ 201, 202, 203

■ 140, 155, 203

■ 212, 222, 203

■ 120, 139, 203

■ 220, 242, 203

■ 100, 123, 203

■ 215, 255, 203

■ 80, 108, 203

■ 203, 255, 203

■ 59, 92, 203

■ 39, 76, 203

■ 19, 61, 203

■ 0, 46, 203

Harmonies

Analogous

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



173, 184, 202



181, 186, 203



191, 185, 200

Triad

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



181, 186, 203



204, 184, 178



175, 188, 192

Complementary

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



181, 186, 203



189, 203, 181

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, 190, 181



181, 186, 203



200, 195, 173

Square

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



181, 186, 203



204, 182, 186



180, 193, 172



169, 181, 192

Rectangle

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



181, 186, 203



197, 183, 196



180, 193, 172



177, 190, 191

Sweetspot

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



181, 186, 203



247, 249, 255



181, 194, 203



122, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 186, 203



222, 230, 255



185, 181, 203



92, 94, 102



0, 38, 166



0, 9, 38

Inverse Universe

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



203, 181, 187



255, 222, 232



181, 203, 185



102, 92, 95



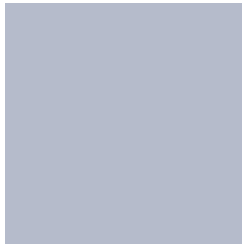
166, 0, 49



38, 0, 11

Previews

White Background



This preview shows how the RYB color 181, 186, 203 looks on a white background.

Color Contrast Check

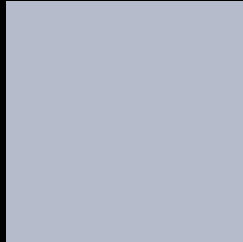
Large Text (above 18pt) WCAG AA × Fail

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 181, 186, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

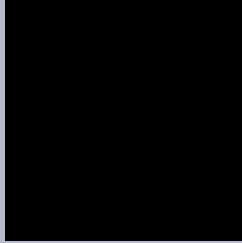
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

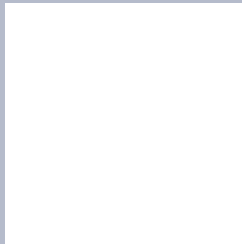
Any Text WCAG AAA ✓ Pass

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

RYB 181, 186, 203 Background



This preview shows how black text looks on a background with the RYB color 181, 186, 203.

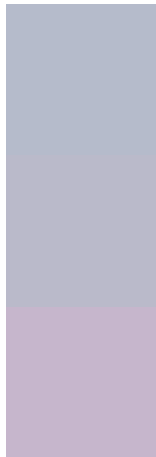


This preview shows how white text looks on a background with the RYB color 181, 186, 203.

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](#).

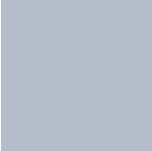
Dichromacy



Original Color
181, 186, 203

Protanopia
186, 186, 202

Deuteranopia
198, 182, 204



Tritanopia
181, 186, 202

Trichromacy



Original Color
181, 186, 203

Protanomaly
184, 187, 202

Deuteranomaly
192, 184, 204

Tritanomaly
181, 186, 202

Monochromacy



Original Color
181, 186, 203

Achromatopsia
187, 187, 187

Achromatomaly
185, 187, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 186, 203 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(181, 187, 203)` looks like.

```
.text, #text, p{  
    color:rgb(181, 187, 203)  
}
```

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(181, 187, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 187, 203) }
```

Border

The CSS property to change the border of an element to RYB 181, 186, 203 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(181, 187, 203) }
```

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

```
.border{ border-color:rgb(181, 187, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 187, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 187, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 187, 203);  
box-shadow:4px 4px 4px 4px rgb(181, 187,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 181, 186, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 187, 203) }
```

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

```
.background{ background-color: rgb(181,  
187, 203) }
```

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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