

Converting Colors

`RYB(181, 196, 217)`

Have a look what the booklet for
RYB(181, 196, 217) contains.

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Color

R_YB(181, 196, 217)

Conversions

Conversions Part 1

Format	Color
Hex	B5CFD9
RGB	181, 207, 217
RGB Percent	71%, 81%, 85%
CMY	0.2902, 0.1894, 0.1490
CMYK	0.17, 0.05, 0.00, 0.15
HSL	197°, 32%, 78%
HSV	197°, 17%, 85%
XYZ	53.8241, 59.3208, 74.2589
YIQ	200.3660, -18.7060, -2.4020

Conversions

Conversions Part 2

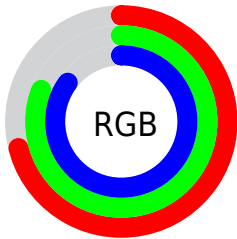
Format	Color
R _Y B	181, 196, 217
Decimal	11915225
CIE Lab	81.47, -6.45, -8.00
CIE LCh	81, 10.277, 231.102
Yxy	59.3208, 0.2872, 0.3165
Android (android.graphics.Color)	4290105305 (0xFFB5CFD9)
YUV	200.3660, 8.2006, -16.9840
Hunter-Lab	77.0200, -10.0434, -3.2505

Details

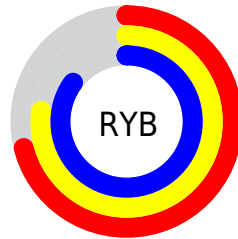
The RYB color **181, 196, 217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **217, 195, 181**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **237, 246, 255**, and **128, 142, 162** is the 20% darker color. If you saturate the color by 10%, you get **159, 183, 217**, and if you desaturate by 10%, it is **203, 209, 217**.

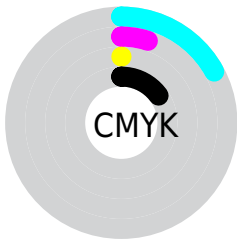
Distribution



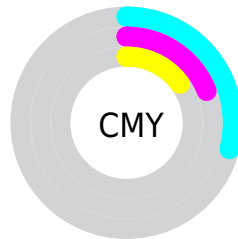
- Red (71%)
- Green (81%)
- Blue (85%)



- Red (71%)
- Yellow (77%)
- Blue (85%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)




- Cyan (29%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RYB color 181, 196, 217 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, 196, 217 by changing the saturation by 10% instead.

 181, 196, 217


255, 255, 255

 237, 246, 255

 181, 196, 217

 154, 169, 189

 128, 142, 162

 102, 116, 136

 78, 92, 111

 54, 68, 86

 32, 45, 63

 9, 23, 41

 0, 7, 21

 0, 0, 0

■ 181, 196, 217

■ 181, 196, 217

■ 159, 183, 217

■ 203, 209, 217

■ 138, 171, 217

■ 224, 220, 217

■ 116, 158, 217

■ 246, 228, 217

■ 94, 145, 217

■ 255, 242, 217

■ 73, 133, 217

■ 248, 255, 217

■ 51, 120, 217

■ 232, 255, 217

■ 29, 107, 217

■ 223, 255, 217

■ 7, 95, 217

■ 217, 255, 217

■ 0, 90, 217

Harmonies

Analogous

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



179, 194, 209



181, 196, 217



189, 199, 221

Triad

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



181, 196, 217



221, 196, 206



184, 204, 185

Complementary

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



181, 196, 217



217, 195, 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.



207, 214, 184



181, 196, 217



224, 196, 196

Square

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



181, 196, 217



212, 198, 215



221, 202, 188



190, 207, 205

Rectangle

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



181, 196, 217



197, 201, 221



221, 202, 188



189, 207, 184

Sweetspot

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



181, 196, 217



242, 247, 255



181, 209, 217



120, 123, 128



0, 0, 0



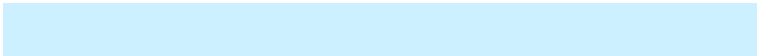
128, 128, 128

Same Dimension

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



181, 196, 217



204, 225, 255



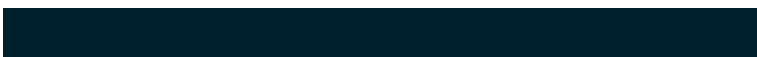
181, 188, 217



99, 104, 110



0, 72, 173



0, 19, 46

Inverse Universe

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



217, 181, 207



255, 204, 240



191, 217, 181



110, 99, 107



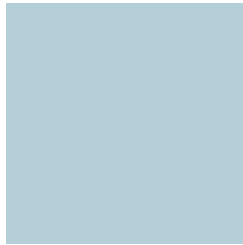
173, 0, 124



46, 0, 33

Previews

White Background



This preview shows how the RYB color 181, 196, 217 looks on a white background.

Color Contrast Check

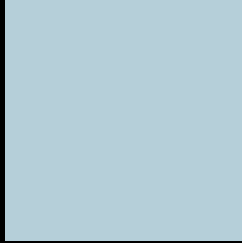
Large Text (above 18pt) WCAG AA × Fail

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, 196, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

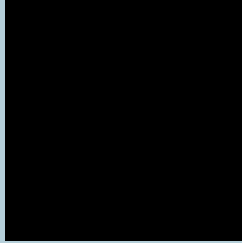
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

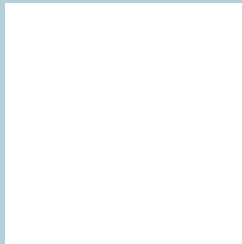
Any Text WCAG AAA ✓ Pass

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

RYB 181, 196, 217 Background



This preview shows how black text looks on a background with the RYB color 181, 196, 217.

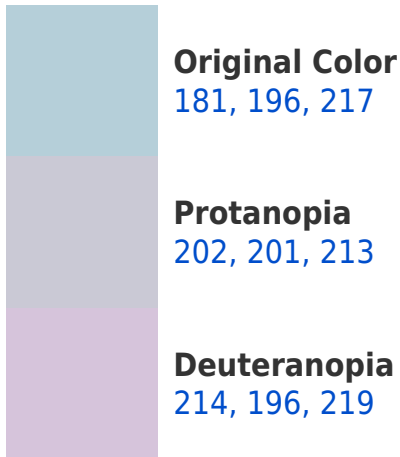


This preview shows how white text looks on a background with the RYB color 181, 196, 217.

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
182, 197, 222

Trichromacy



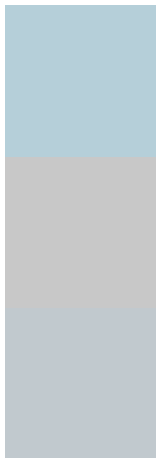
Original Color
181, 196, 217

Protanomaly
194, 200, 214

Deuteranomaly
202, 200, 218

Tritanomaly
182, 197, 220

Monochromacy



Original Color
181, 196, 217

Achromatopsia
200, 200, 200

Achromatomaly
193, 198, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 196, 217 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, 207, 217)` looks like.

```
.text, #text, p{  
    color:rgb(181, 207, 217)  
}
```

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, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 207, 217) }
```

Border

The CSS property to change the border of an element to RYB 181, 196, 217 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, 207, 217) }
```

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

```
.border{ border-color:rgb(181, 207, 217) }
```

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

Here you see how a box with a 4 pixel rgb(181, 207, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(181, 207,  
217) }
```

Background

The CSS property to change the background color of an element to RYB 181, 196, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 207, 217) }
```

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

```
.background{ background-color: rgb(181,  
207, 217) }
```

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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