

Converting Colors

`RYB(181, 202, 210)`

Have a look what the booklet for
RYB(181, 202, 210) contains.

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Color

R_YB(181, 202, 210)

Conversions

Conversions Part 1

Format	Color
Hex	B5D2C0
RGB	181, 210, 192
RGB Percent	71%, 82%, 75%
CMY	0.2902, 0.1765, 0.2469
CMYK	0.14, 0.00, 0.09, 0.18
HSL	143°, 24%, 77%
HSV	143°, 14%, 82%
XYZ	51.6224, 59.7248, 58.7041
YIQ	199.2770, -11.5060, -11.7460

Conversions

Conversions Part 2

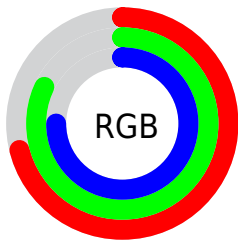
Format	Color
RYB	181, 202, 210
Decimal	11915968
CIELab	81.69, -13.12, 5.65
CIELCh	82, 14.288, 156.712
Yxy	59.7248, 0.3036, 0.3512
Android (android.graphics.Color)	4290106048 (0xFFB5D2C0)
YUV	199.2770, -3.5876, -16.0289
Hunter-Lab	77.2818, -16.0096, 9.0600

Details

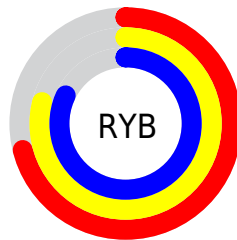
The RYB color **181, 202, 210** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **210, 181, 199**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **237, 248, 255**, and **128, 147, 155** is the 20% darker color. If you saturate the color by 10%, you get **160, 196, 210**, and if you desaturate by 10%, it is **202, 208, 210**.

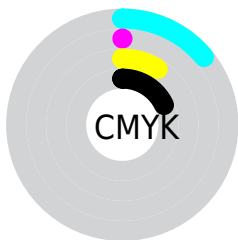
Distribution



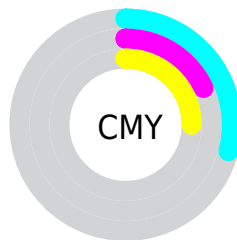
- Red (71%)
- Green (82%)
- Blue (75%)



- Red (71%)
- Yellow (79%)
- Blue (82%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



- Cyan (29%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 202, 210 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, 202, 210 by changing the saturation by 10% instead.

 181, 202, 210

255, 255, 255

 237, 248, 255


 181, 202, 210


 154, 174, 182

 128, 147, 155

 103, 122, 129

 78, 96, 104

 55, 73, 80

 33, 50, 57


 12, 28, 35

 0, 11, 11


 0, 0, 0

 181, 202, 210

 181, 202, 210

 160, 196, 210


 202, 208, 210

 139, 190, 210


 223, 210, 218

 118, 185, 210


 244, 210, 231


 97, 179, 210


 255, 210, 244

 76, 173, 210

 255, 210, 255

 55, 167, 210

 34, 161, 210

 13, 156, 210

 0, 152, 210

Harmonies

Analogous

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



181, 207, 192



181, 202, 210



171, 192, 211

Triad

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



181, 202, 210



192, 200, 229



231, 196, 188

Complementary

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



181, 202, 210



210, 181, 199

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.



231, 194, 200



181, 202, 210



209, 199, 224

Square

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



181, 202, 210



177, 196, 227



223, 195, 214



224, 215, 179

Rectangle

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



181, 202, 210



169, 191, 215



223, 195, 214



232, 195, 192

Sweetspot

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



181, 202, 210



245, 252, 255



181, 210, 192



121, 126, 128



0, 0, 0



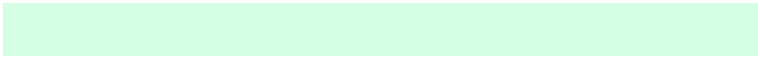
128, 128, 128

Same Dimension

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



181, 202, 210



212, 243, 255



181, 197, 210



94, 102, 105



0, 122, 168



0, 29, 41

Inverse Universe

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



210, 181, 199



255, 212, 238



210, 181, 185



105, 94, 101



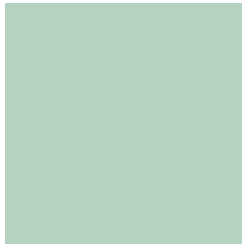
168, 0, 104



41, 0, 25

Previews

White Background



This preview shows how the RYB color 181, 202, 210 looks on a white background.

Color Contrast Check

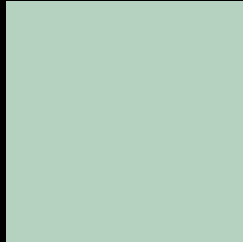
Large Text (above 18pt) WCAG AA × Fail

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, 202, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

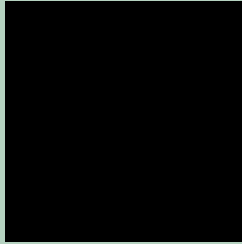
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

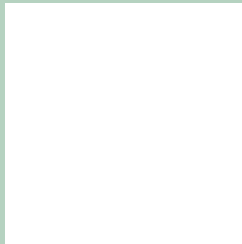
Any Text WCAG AAA ✓ Pass

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

RYB 181, 202, 210 Background



This preview shows how black text looks on a background with the RYB color 181, 202, 210.



This preview shows how white text looks on a background with the RYB color 181, 202, 210.

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](#).

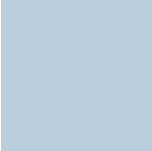
Dichromacy



Original Color
181, 202, 210

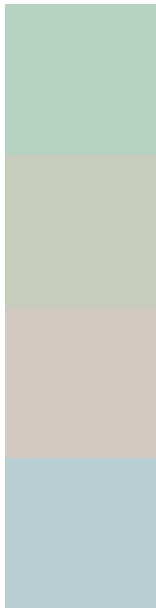
Protanopia
201, 210, 188

Deuteranopia
225, 196, 195



Tritanopia
186, 199, 222

Trichromacy



Original Color

181, 202, 210

Protanomaly

189, 205, 195

Deuteranomaly

209, 207, 194

Tritanomaly

184, 196, 211

Monochromacy



Original Color

181, 202, 210

Achromatopsia

199, 199, 199

Achromatomaly

192, 200, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 202, 210 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, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(181, 210, 192)  
}
```

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, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 210, 192) }
```

Border

The CSS property to change the border of an element to RYB 181, 202, 210 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, 210, 192) }
```

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

```
.border{ border-color:rgb(181, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(181, 210,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 181, 202, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 210, 192) }
```

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

```
.background{ background-color: rgb(181,  
210, 192) }
```

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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