

Converting Colors

`RYB(178, 200, 203)`

Have a look what the booklet for
RYB(178, 200, 203) contains.

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Color

R_YB(178, 200, 203)

Conversions

Conversions Part 1

Format	Color
Hex	B2CBB5
RGB	178, 203, 181
RGB Percent	70%, 80%, 71%
CMY	0.3020, 0.2039, 0.2886
CMYK	0.12, 0.00, 0.11, 0.20
HSL	128°, 19%, 75%
HSV	128°, 12%, 80%
XYZ	48.0986, 55.5299, 52.1197
YIQ	193.0170, -7.8380, -12.1420

Conversions

Conversions Part 2

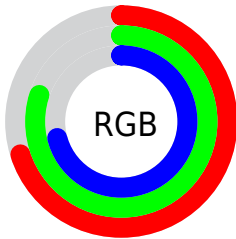
Format	Color
RYB	178, 200, 203
Decimal	11717557
CIELab	79.35, -12.53, 7.94
CIELCh	79, 14.831, 147.639
Yxy	55.5299, 0.3088, 0.3565
Android (android.graphics.Color)	4289907637 (0xFFB2CBB5)
YUV	193.0170, -5.9244, -13.1699
Hunter-Lab	74.5184, -15.1926, 10.6942

Details

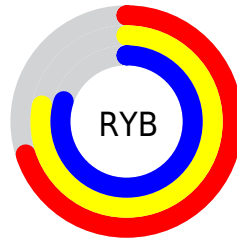
The RYB color **178, 200, 203** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **203, 178, 200**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **234, 252, 255**, and **125, 146, 149** is the 20% darker color. If you saturate the color by 10%, you get **158, 198, 203**, and if you desaturate by 10%, it is **198, 202, 203**.

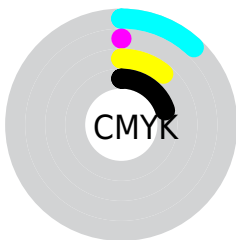
Distribution



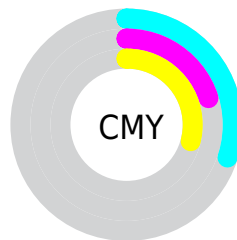
- Red (70%)
- Green (80%)
- Blue (71%)



- Red (70%)
- Yellow (78%)
- Blue (80%)



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (20%)



- Cyan (30%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 200, 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 178, 200, 203 by changing the saturation by 10% instead.

 178, 200, 203


255, 255, 255

 234, 252, 255


 178, 200, 203


 151, 173, 176

 125, 146, 149

 100, 120, 123

 76, 95, 98

 53, 71, 74

 31, 49, 52

 10, 27, 30


 0, 0, 0

 178, 200, 203


 178, 200, 203

 158, 198, 203


 198, 202, 203

 137, 195, 203


 219, 203, 216

 117, 192, 203


 239, 203, 234


 97, 191, 203


 255, 203, 252

 77, 188, 203

 255, 203, 255

 56, 185, 203

 36, 183, 203

 16, 181, 203

 0, 178, 203

Harmonies

Analogous

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



172, 200, 178



178, 200, 203



166, 188, 205

Triad

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



178, 200, 203



180, 193, 224



226, 188, 184

Complementary

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



178, 200, 203



203, 178, 200

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.



224, 187, 198



178, 200, 203



198, 193, 221

Square

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



178, 200, 203



166, 187, 219



214, 189, 212



221, 201, 174

Rectangle

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



178, 200, 203



162, 184, 205



214, 189, 212



226, 187, 189

Sweetspot

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



178, 200, 203



245, 254, 255



178, 203, 181



121, 127, 128



0, 0, 0



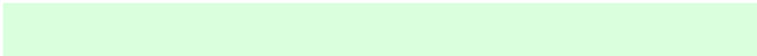
128, 128, 128

Same Dimension

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



178, 200, 203



217, 251, 255



178, 193, 203



92, 101, 102



0, 146, 166



0, 34, 38

Inverse Universe

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



203, 178, 200



255, 217, 250



203, 178, 187



102, 92, 101



166, 0, 143



38, 0, 33

Previews

White Background



This preview shows how the RYB color 178, 200, 203 looks on a white background.

Color Contrast Check

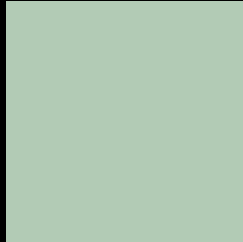
Large Text (above 18pt) WCAG AA × Fail

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 178, 200, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

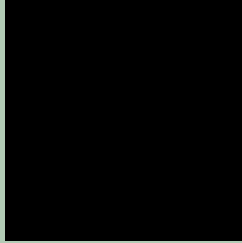
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

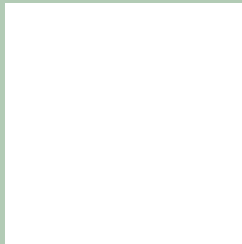
Any Text WCAG AAA ✓ Pass

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

RYB 178, 200, 203 Background



This preview shows how black text looks on a background with the RYB color 178, 200, 203.

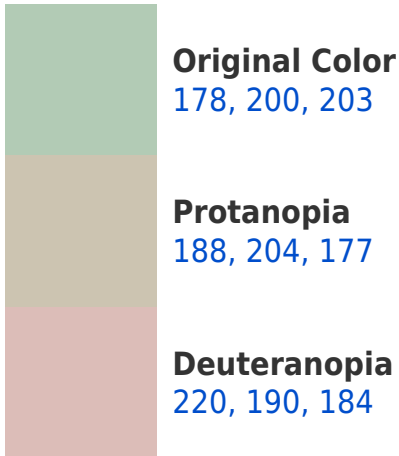


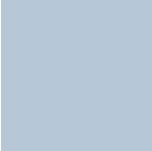
This preview shows how white text looks on a background with the RYB color 178, 200, 203.

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](#).

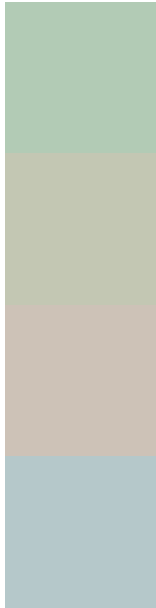
Dichromacy





Tritanopia
183, 193, 214

Trichromacy



Original Color

178, 200, 203

Protanomaly

179, 199, 183

Deuteranomaly

205, 205, 183

Tritanomaly

181, 191, 202

Monochromacy



Original Color

178, 200, 203

Achromatopsia

193, 193, 193

Achromatomaly

188, 196, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 200, 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(178, 203, 181)` looks like.

```
.text, #text, p{  
    color:rgb(178, 203, 181)  
}
```

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(178, 203, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 203, 181) }
```

Border

The CSS property to change the border of an element to RYB 178, 200, 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(178, 203, 181) }
```

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

```
.border{ border-color:rgb(178, 203, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 203, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 203, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 203, 181);  
box-shadow:4px 4px 4px 4px rgb(178, 203,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 178, 200, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 203, 181) }
```

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

```
.background{ background-color: rgb(178,  
203, 181) }
```

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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