

Converting Colors

`RYB(178, 206, 203)`

Have a look what the booklet for
RYB(178, 206, 203) contains.

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Color

R_YB(178, 206, 203)

Conversions

Conversions Part 1

Format	Color
Hex	B5CEB2
RGB	181, 206, 178
RGB Percent	71%, 81%, 70%
CMY	0.2902, 0.1922, 0.3020
CMYK	0.12, 0.00, 0.14, 0.19
HSL	114°, 22%, 75%
HSV	114°, 14%, 81%
XYZ	49.1632, 57.1807, 50.5653
YIQ	195.3330, -5.9120, -14.0080

Conversions

Conversions Part 2

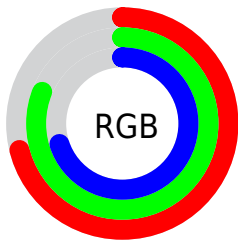
Format	Color
RYB	178, 206, 203
Decimal	11914930
CIELab	80.28, -13.64, 11.12
CIElCh	80, 17.601, 140.809
Yxy	57.1807, 0.3133, 0.3644
Android (android.graphics.Color)	4290105010 (0xFFB5CEB2)
YUV	195.3330, -8.5452, -12.5700
Hunter-Lab	75.6179, -16.2790, 13.2857

Details

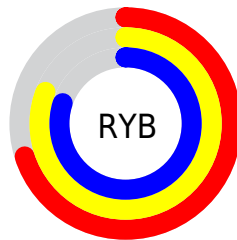
The RYB color **178, 206, 203** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **203, 178, 206**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **234, 255, 252**, and **125, 152, 149** is the 20% darker color. If you saturate the color by 10%, you get **157, 206, 200**, and if you desaturate by 10%, it is **199, 206, 206**.

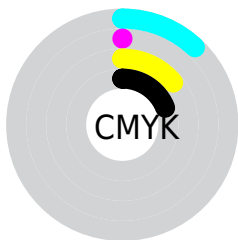
Distribution



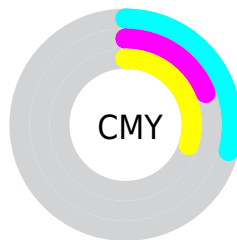
- Red (71%)
- Green (81%)
- Blue (70%)



- Red (70%)
- Yellow (81%)
- Blue (80%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 206, 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, 206, 203 by changing the saturation by 10% instead.

 178, 206, 203


255, 255, 255

 234, 255, 252


 178, 206, 203

 151, 178, 175

 125, 152, 149

 100, 126, 123

 76, 101, 99

 54, 77, 76

 32, 54, 53

 10, 32, 29

 0, 2, 2

 0, 0, 0

 178, 206, 203

 178, 206, 203

 157, 206, 200

 199, 206, 206

 137, 206, 199

 218, 206, 219

 116, 206, 196

 236, 206, 240

 96, 206, 195

 255, 206, 255

 75, 206, 192

 54, 206, 189

 34, 206, 188

 13, 206, 185

 0, 206, 184

Harmonies

Analogous

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



168, 202, 170



178, 206, 203



165, 191, 208

Triad

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



178, 206, 203



175, 193, 231



234, 188, 188

Complementary

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



178, 206, 203



203, 178, 206

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.



229, 188, 205



178, 206, 203



196, 197, 230

Square

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



178, 206, 203



160, 187, 224



216, 191, 220



230, 198, 174

Rectangle

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



178, 206, 203



158, 185, 209



216, 191, 220



234, 188, 194

Sweetspot

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



178, 206, 203



245, 255, 254



181, 206, 178



121, 128, 127



0, 0, 0



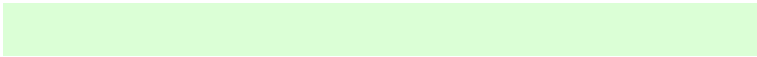
128, 128, 128

Same Dimension

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



178, 206, 203



214, 255, 250



178, 198, 206



92, 102, 101



0, 166, 148



0, 38, 34

Inverse Universe

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



203, 178, 206



251, 214, 255



206, 178, 195



101, 92, 102



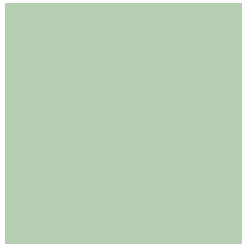
148, 0, 166



34, 0, 38

Previews

White Background



This preview shows how the RYB color 178, 206, 203 looks on a white background.

Color Contrast Check

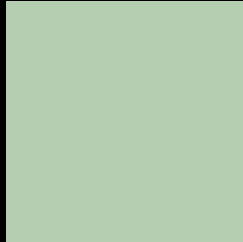
Large Text (above 18pt) WCAG AA × Fail

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, 206, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

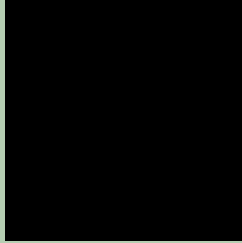
Any Text WCAG AA ✓ Pass

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](#).

R Y B 178, 206, 203 Background



This preview shows how black text looks on a background with the R Y B color 178, 206, 203.



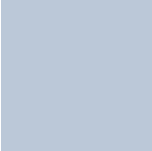
This preview shows how white text looks on a background with the R Y B color 178, 206, 203.

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](#).

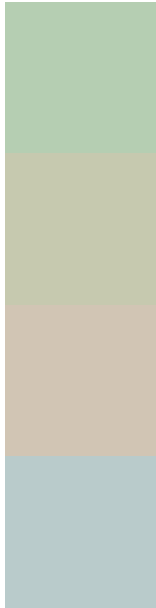
Dichromacy





Tritanopia
187, 196, 216

Trichromacy



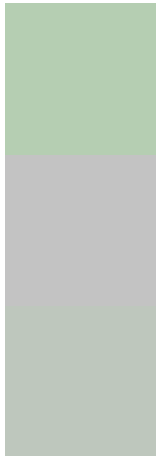
Original Color
178, 206, 203

Protanomaly
175, 201, 178

Deuteranomaly
200, 209, 180

Tritanomaly
185, 194, 203

Monochromacy



Original Color
178, 206, 203

Achromatopsia
195, 195, 195

Achromatomaly
189, 199, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 206, 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, 206, 178)` looks like.

```
.text, #text, p{  
    color:rgb(181, 206, 178)  
}
```

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, 206, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 206, 178) }
```

Border

The CSS property to change the border of an element to RYB 178, 206, 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, 206, 178) }
```

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

```
.border{ border-color:rgb(181, 206, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 206, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 206, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 206, 178); box-shadow:4px 4px 4px 4px rgb(181, 206, 178) }
```

Background

The CSS property to change the background color of an element to RYB 178, 206, 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, 206, 178) }
```

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

```
.background{ background-color: rgb(181,  
206, 178) }
```

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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