

Converting Colors

`RYB(178, 204, 208)`

Have a look what the booklet for
RYB(178, 204, 208) contains.

RYB(178, 204, 208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(178, 204, 208)

Conversions

Conversions Part 1

Format	Color
Hex	B2D0B7
RGB	178, 208, 183
RGB Percent	70%, 82%, 72%
CMY	0.3020, 0.1843, 0.2839
CMYK	0.14, 0.00, 0.12, 0.18
HSL	129°, 24%, 76%
HSV	129°, 14%, 82%
XYZ	49.4232, 57.9796, 53.1764
YIQ	196.1800, -9.8550, -14.1350

Conversions

Conversions Part 2

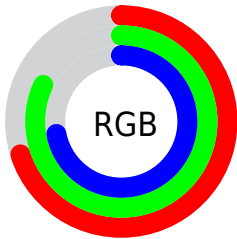
Format	Color
RYB	178, 204, 208
Decimal	11718839
CIELab	80.73, -14.86, 9.27
CIELCh	81, 17.514, 148.041
Yxy	57.9796, 0.3078, 0.3611
Android (android.graphics.Color)	4289908919 (0xFFB2D0B7)
YUV	196.1800, -6.4977, -15.9439
Hunter-Lab	76.1444, -17.3931, 11.8951

Details

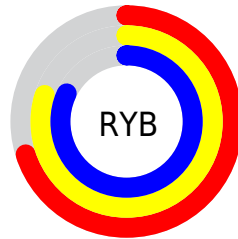
The RYB color **178, 204, 208** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **208, 178, 203**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **234, 251, 255**, and **125, 150, 154** is the 20% darker color. If you saturate the color by 10%, you get **157, 201, 208**, and if you desaturate by 10%, it is **199, 207, 208**.

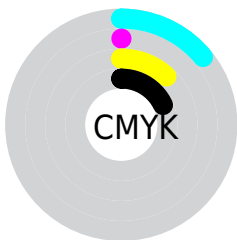
Distribution



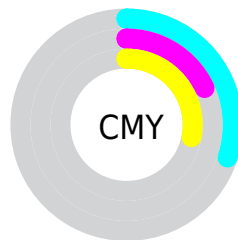
- Red (70%)
- Green (82%)
- Blue (72%)



- Red (70%)
- Yellow (80%)
- Blue (82%)



- Cyan (14%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (30%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the RYB color 178, 204, 208 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, 204, 208 by changing the saturation by 10% instead.

 178, 204, 208


 178, 204, 208

255, 255, 255

 151, 176, 180

 234, 251, 255

 125, 150, 154

 100, 124, 128

 76, 99, 102

 52, 74, 78

 30, 50, 55

 9, 29, 34

 0, 5, 5

 0, 0, 0

 178, 204, 208

 178, 204, 208

 157, 201, 208


 199, 207, 208

 136, 198, 208


 220, 208, 218

 116, 196, 208


 240, 208, 235


 95, 193, 208


 255, 208, 253

 74, 190, 208

 255, 208, 255

 53, 187, 208

 32, 185, 208

 12, 182, 208

 0, 180, 208

Harmonies

Analogous

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



171, 204, 178



178, 204, 208



163, 190, 210

Triad

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



178, 204, 208



181, 196, 233



235, 190, 186

Complementary

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



178, 204, 208



208, 178, 203

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.



232, 189, 202



178, 204, 208



202, 197, 229

Square

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



178, 204, 208



164, 190, 228



221, 192, 218



228, 207, 173

Rectangle

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



178, 204, 208



158, 184, 210



221, 192, 218



235, 189, 191

Sweetspot

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



178, 204, 208



245, 254, 255



178, 208, 183



121, 127, 128



0, 0, 0



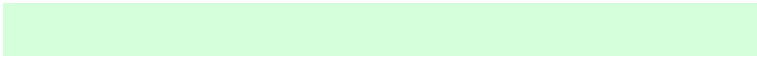
128, 128, 128

Same Dimension

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



178, 204, 208



212, 250, 255



178, 196, 208



94, 103, 105



0, 145, 168



0, 36, 41

Inverse Universe

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



208, 178, 203



255, 212, 248



208, 178, 188



105, 94, 103



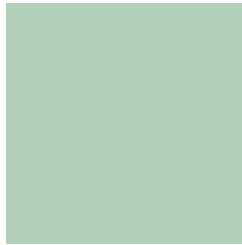
168, 0, 142



41, 0, 35

Previews

White Background



This preview shows how the RYB color 178, 204, 208 looks on a white background.

Color Contrast Check

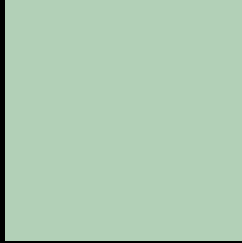
Large Text (above 18pt) WCAG AA × Fail

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, 204, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

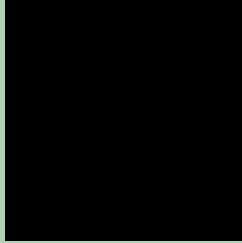
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

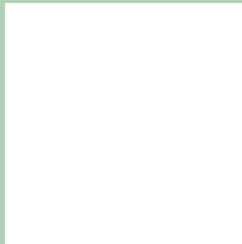
Any Text WCAG AAA ✓ Pass

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

R Y B 178, 204, 208 Background



This preview shows how black text looks on a background with the R Y B color 178, 204, 208.




This preview shows how white text looks on a background with the R Y B color 178, 204, 208.

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
184, 196, 219

Trichromacy



Original Color

178, 204, 208

Protanomaly

180, 202, 184

Deuteranomaly

203, 208, 185

Tritanomaly

182, 194, 206

Monochromacy



Original Color

178, 204, 208

Achromatopsia

196, 196, 196

Achromatomaly

189, 198, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 204, 208 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, 208, 183)` looks like.

```
.text, #text, p{  
  color:rgb(178, 208, 183)  
}
```

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, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 208, 183) }
```

Border

The CSS property to change the border of an element to RYB 178, 204, 208 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, 208, 183) }
```

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

```
.border{ border-color:rgb(178, 208, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 208, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 208, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 208, 183);  
box-shadow:4px 4px 4px 4px rgb(178, 208,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 178, 204, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 208, 183) }
```

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

```
.background{ background-color: rgb(178,  
208, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor