

Converting Colors

RGB(178, 204, 208)

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

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Color

RGB(178, 204, 208)

Conversions

Conversions Part 1

Format	Color
Hex	B2CCD0
RGB	178, 204, 208
RGB Percent	70%, 80%, 82%
CMY	0.3020, 0.2000, 0.1843
CMYK	0.14, 0.02, 0.00, 0.18
HSL	188°, 24%, 76%
HSV	188°, 14%, 82%
XYZ	51.3381, 57.2048, 68.0103
YIQ	196.6820, -16.7800, -4.2680

Conversions

Conversions Part 2

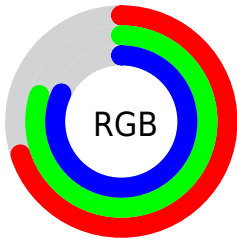
Format	Color
R _Y B	178, 192, 208
Decimal	11717840
CIE Lab	80.29, -7.87, -4.94
CIE LCh	80, 9.288, 212.114
Yxy	57.2048, 0.2908, 0.3240
Android (android.graphics.Color)	4289907920 (0xFFB2CCD0)
YUV	196.6820, 5.5798, -16.3841
Hunter-Lab	75.6338, -11.1984, -0.3702

Details

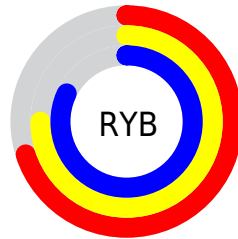
The RGB color **178, 204, 208** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **208, 182, 178**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **234, 255, 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**.

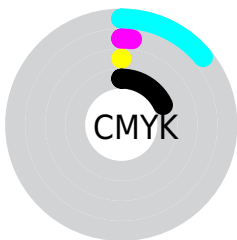
Distribution



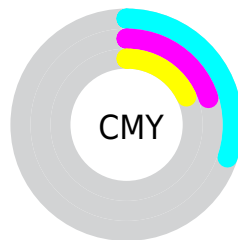
- Red (70%)
- Green (80%)
- Blue (82%)



- Red (70%)
- Yellow (75%)
- Blue (82%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

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

 178, 204, 208


255, 255, 255

 234, 255, 255

 178, 204, 208

 151, 177, 180

 125, 150, 154

 100, 124, 128

 75, 99, 103

 52, 75, 79

 30, 53, 56

 8, 31, 35

 0, 3, 13

 0, 0, 0

■ 178, 204, 208

■ 178, 204, 208

■ 157, 201, 208

■ 199, 207, 208

■ 136, 198, 208

■ 220, 210, 208

■ 116, 196, 208

■ 240, 212, 208

■ 95, 193, 208

■ 255, 215, 208

■ 74, 190, 208

■ 255, 218, 208

■ 53, 187, 208

■ 255, 221, 208

■ 32, 185, 208

■ 255, 223, 208

■ 12, 182, 208

■ 255, 226, 208

■ 0, 180, 208

■ 255, 229, 208

Harmonies

Analogous

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



180, 204, 199



178, 204, 208



182, 202, 214

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



211, 194, 207



206, 199, 182

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, 182, 178

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.



214, 196, 184



178, 204, 208



217, 193, 199

Square

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



178, 204, 208



202, 197, 214



218, 194, 190



196, 201, 184

Rectangle

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



178, 204, 208



188, 201, 216



218, 194, 190



209, 198, 182

Sweetspot

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



178, 204, 208



245, 254, 255



178, 208, 182



121, 127, 128



0, 0, 0



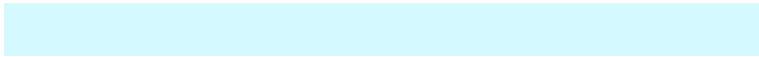
128, 128, 128

Same Dimension

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



178, 204, 208



212, 249, 255



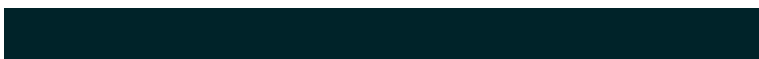
178, 190, 208



94, 103, 105



0, 146, 168



0, 35, 41

Inverse Universe

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



208, 178, 204



255, 212, 249



208, 197, 178



105, 94, 103



168, 0, 146



41, 0, 35

Previews

White Background



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

Color Contrast Check

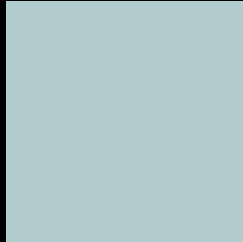
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 178, 204, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

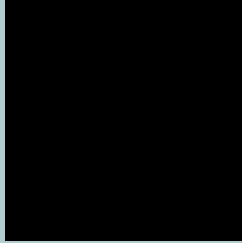
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

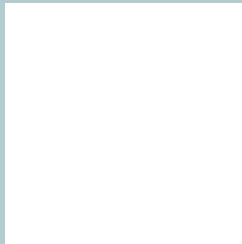
Any Text WCAG AAA ✓ Pass

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

RGB 178, 204, 208 Background



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

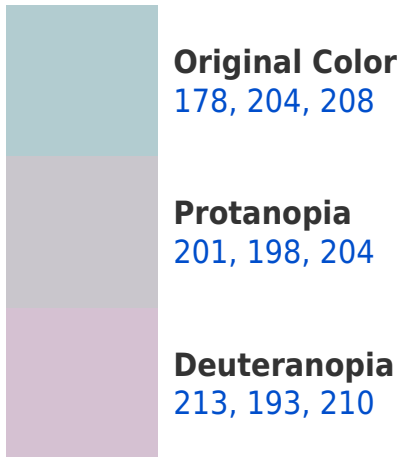


This preview shows how white text looks on a background with the RGB color 178, 204, 208.

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
180, 202, 218

Trichromacy



Original Color

178, 204, 208

Protanomaly

193, 200, 205

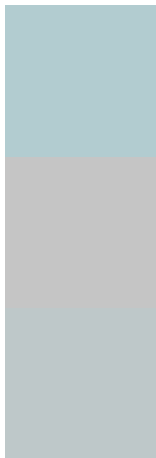
Deuteranomaly

200, 197, 209

Tritanomaly

179, 203, 214

Monochromacy



Original Color

178, 204, 208

Achromatopsia

197, 197, 197

Achromatomaly

190, 200, 201

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(178, 204, 208)  
}
```

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, 204, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 204, 208) }
```

Border

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

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

```
.border{ border-color:rgb(178, 204, 208) }
```

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

Here you see how a box with a 4 pixel rgb(178, 204, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 204, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 204, 208);  
box-shadow:4px 4px 4px 4px rgb(178, 204,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 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, 204, 208) }
```

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

```
.background{ background-color: rgb(178,  
204, 208) }
```

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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