

Converting Colors

`RYB(168, 195, 217)`

Have a look what the booklet for
RYB(168, 195, 217) contains.

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Color

R_YB(168, 195, 217)

Conversions

Conversions Part 1

Format	Color
Hex	A8D9D0
RGB	168, 217, 208
RGB Percent	66%, 85%, 82%
CMY	0.3412, 0.1490, 0.1846
CMYK	0.23, 0.00, 0.04, 0.15
HSL	169°, 39%, 75%
HSV	169°, 23%, 85%
XYZ	52.3374, 62.5010, 68.9322
YIQ	201.3230, -26.3150, -13.1870

Conversions

Conversions Part 2

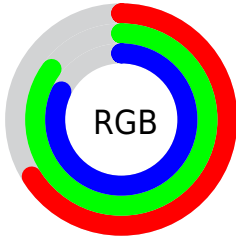
Format	Color
RYB	168, 195, 217
Decimal	11065808
CIELab	83.18, -17.67, -0.73
CIELCh	83, 17.690, 182.376
Yxy	62.5010, 0.2848, 0.3401
Android (android.graphics.Color)	4289255888 (0xFFA8D9D0)
YUV	201.3230, 3.2918, -29.2243
Hunter-Lab	79.0575, -20.1809, 3.6439

Details

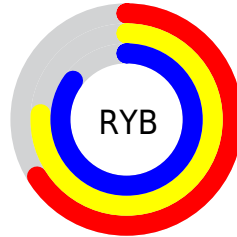
The RYB color **168, 195, 217** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **217, 168, 177**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **224, 240, 255**, and **115, 141, 162** is the 20% darker color. If you saturate the color by 10%, you get **146, 185, 217**, and if you desaturate by 10%, it is **190, 205, 217**.

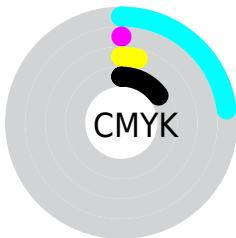
Distribution



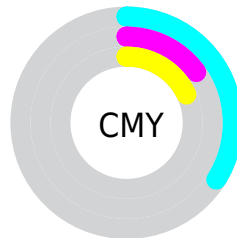
- Red (66%)
- Green (85%)
- Blue (82%)



- Red (66%)
- Yellow (76%)
- Blue (85%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (34%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 195, 217 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 168, 195, 217 by changing the saturation by 10% instead.


 168, 195, 217

255, 255, 255


 224, 240, 255

253, 254, 255

 168, 195, 217


 141, 167, 189

 115, 141, 162


 89, 115, 136

 64, 89, 110

 40, 65, 86


 14, 40, 62

 0, 21, 40

 0, 12, 20

 0, 0, 0


 168, 195, 217

 168, 195, 217

 146, 185, 217


 190, 205, 217

 125, 176, 217


 211, 214, 217

 103, 166, 217


 233, 217, 220

 81, 156, 217


 255, 217, 224

 59, 146, 217

 255, 217, 228

 38, 137, 217

 255, 217, 232

 16, 127, 217

 255, 217, 236

 0, 120, 217

 255, 217, 240

 255, 217, 244

Harmonies

Analogous

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



182, 208, 215



168, 195, 217



164, 192, 224

Triad

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



168, 195, 217



212, 203, 235



234, 217, 178

Complementary

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



168, 195, 217



217, 168, 177

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.



242, 198, 190



168, 195, 217



230, 198, 223

Square

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



168, 195, 217



191, 204, 240



241, 196, 206



192, 219, 174

Rectangle

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



168, 195, 217



168, 195, 233



241, 196, 206



238, 207, 181

Sweetspot

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



168, 195, 217



237, 247, 255



168, 217, 207



117, 123, 128



0, 0, 0



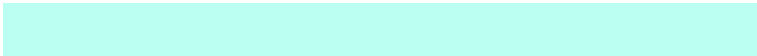
128, 128, 128

Same Dimension

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



168, 195, 217



186, 224, 255



168, 188, 217



99, 105, 110



0, 95, 173



0, 25, 46

Inverse Universe

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



217, 168, 177



255, 186, 199



217, 190, 168



110, 99, 101



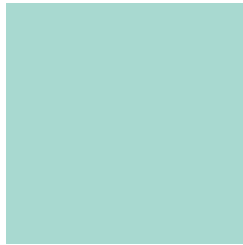
173, 0, 32



46, 0, 8

Previews

White Background



This preview shows how the RYB color 168, 195, 217 looks on a white background.

Color Contrast Check

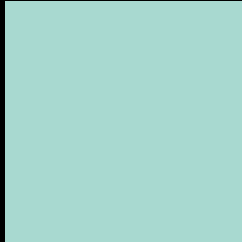
Large Text (above 18pt) WCAG AA × Fail

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 168, 195, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

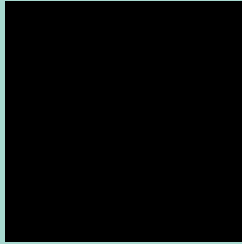
Any Text WCAG AA ✓ Pass

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 168, 195, 217 Background



This preview shows how black text looks on a background with the RYB color 168, 195, 217.



This preview shows how white text looks on a background with the RYB color 168, 195, 217.

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
173, 197, 231

Trichromacy



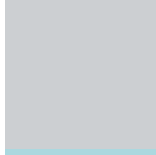
Original Color

168, 195, 217



Protanomaly

195, 204, 210



Deuteranomaly

204, 206, 210



Tritanomaly

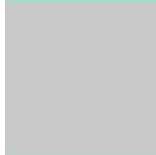
171, 195, 223

Monochromacy



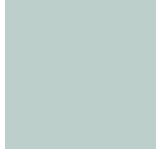
Original Color

168, 195, 217



Achromatopsia

201, 201, 201



Achromatomaly

189, 199, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 195, 217 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(168, 217, 208)` looks like.

```
.text, #text, p{  
    color:rgb(168, 217, 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(168, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 217, 208) }
```

Border

The CSS property to change the border of an element to RYB 168, 195, 217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

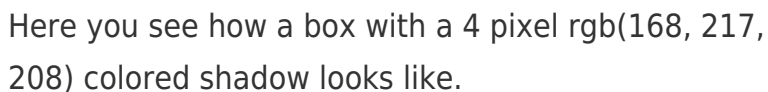
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 217, 208) }
```

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

```
.border{ border-color:rgb(168, 217, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 217, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(168, 217,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 168, 195, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 217, 208) }
```

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

```
.background{ background-color: rgb(168,  
217, 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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