

Converting Colors

`RYB(168, 191, 201)`

Have a look what the booklet for
RYB(168, 191, 201) contains.

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Color

R_YB(168, 191, 201)

Conversions

Conversions Part 1

Format	Color
Hex	A8C9B6
RGB	168, 201, 182
RGB Percent	66%, 79%, 71%
CMY	0.3412, 0.2118, 0.2849
CMYK	0.16, 0.00, 0.09, 0.21
HSL	146°, 23%, 72%
HSV	146°, 16%, 79%
XYZ	45.5146, 53.4899, 52.3704
YIQ	188.9670, -13.5690, -12.9050

Conversions

Conversions Part 2

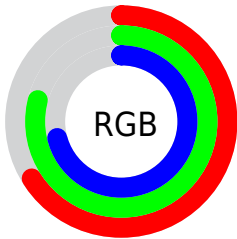
Format	Color
RYB	168, 191, 201
Decimal	11061686
CIELab	78.16, -14.70, 5.65
CIELCh	78, 15.747, 158.975
Yxy	53.4899, 0.3007, 0.3534
Android (android.graphics.Color)	4289251766 (0xFFA8C9B6)
YUV	188.9670, -3.4347, -18.3881
Hunter-Lab	73.1368, -16.9050, 8.7405

Details

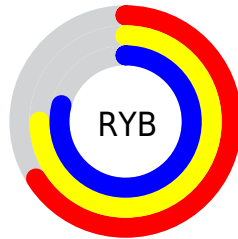
The RYB color **168, 191, 201** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **201, 168, 187**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **223, 245, 255**, and **116, 138, 147** is the 20% darker color. If you saturate the color by 10%, you get **148, 185, 201**, and if you desaturate by 10%, it is **188, 197, 201**.

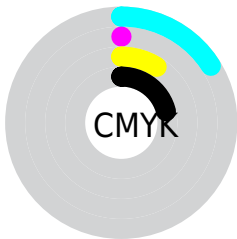
Distribution



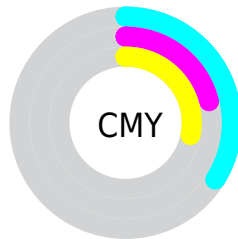
- Red (66%)
- Green (79%)
- Blue (71%)



- Red (66%)
- Yellow (75%)
- Blue (79%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)



- Cyan (34%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 191, 201 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, 191, 201 by changing the saturation by 10% instead.


 168, 191, 201

255, 255, 255


 223, 245, 255

 252, 254, 255

 168, 191, 201

 141, 164, 174


 116, 138, 147

 91, 112, 121

 67, 87, 96


 44, 63, 72

 22, 41, 50

 0, 19, 29


 0, 0, 0

 168, 191, 201

 168, 191, 201

 148, 185, 201


 188, 197, 201

 128, 179, 201


 208, 201, 205

 108, 173, 201


 228, 201, 216

 88, 167, 201


 248, 201, 228

 68, 161, 201

 255, 201, 239

 47, 154, 201

 255, 201, 251

 27, 148, 201

 255, 201, 255

 7, 142, 201

 0, 140, 201

Harmonies

Analogous

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



170, 198, 184



168, 191, 201



157, 181, 202

Triad

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



168, 191, 201



183, 191, 222



223, 187, 176

Complementary

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



168, 191, 201



201, 168, 187

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, 183, 189



168, 191, 201



202, 188, 216

Square

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



168, 191, 201



166, 186, 220



216, 184, 204



215, 209, 166

Rectangle

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



168, 191, 201



155, 179, 207



216, 184, 204



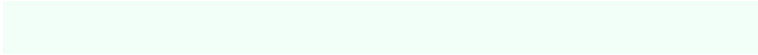
224, 184, 180

Sweetspot

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



168, 191, 201



242, 251, 255



168, 201, 182



120, 126, 128



0, 0, 0



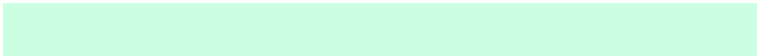
128, 128, 128

Same Dimension

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



168, 191, 201



204, 240, 255



168, 185, 201



90, 96, 99



0, 114, 163



0, 25, 36

Inverse Universe

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



201, 168, 187



255, 204, 233



201, 168, 170



99, 90, 95



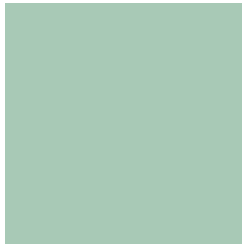
163, 0, 92



36, 0, 20

Previews

White Background



This preview shows how the RYB color 168, 191, 201 looks on a white background.

Color Contrast Check

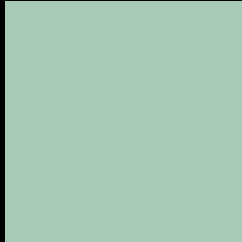
Large Text (above 18pt) WCAG AA × Fail

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, 191, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

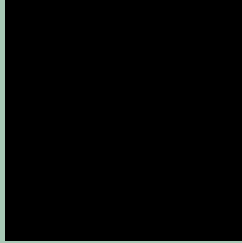
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

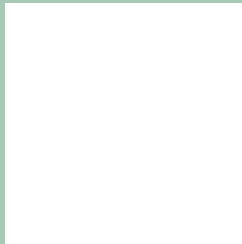
Any Text WCAG AAA ✓ Pass

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

RYB 168, 191, 201 Background



This preview shows how black text looks on a background with the RYB color 168, 191, 201.

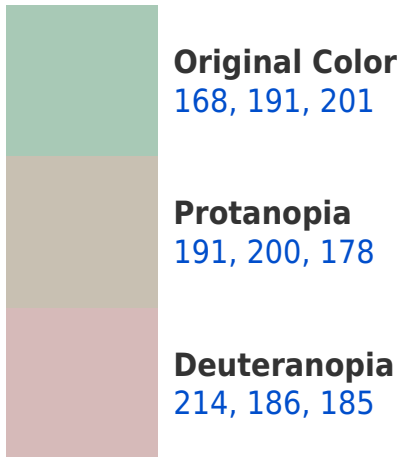


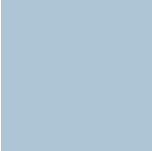
This preview shows how white text looks on a background with the RYB color 168, 191, 201.

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](#).

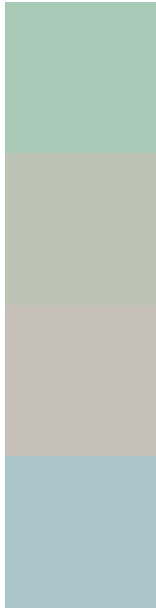
Dichromacy





Tritanopia
173, 188, 212

Trichromacy



Original Color
168, 191, 201

Protanomaly
180, 195, 187

Deuteranomaly
195, 197, 184

Tritanomaly
171, 185, 201

Monochromacy



Original Color
168, 191, 201

Achromatopsia
189, 189, 189

Achromatomaly
181, 189, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 201, 182 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, 201, 182) looks like.

```
.text, #text, p{  
    color:rgb(168, 201, 182)  
}
```

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, 201, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 201, 182) }
```

Border

The CSS property to change the border of an element to RYB 168, 191, 201 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, 201, 182) }
```

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

```
.border{ border-color:rgb(168, 201, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 201, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 201, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 201, 182);  
box-shadow:4px 4px 4px 4px rgb(168, 201,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 168, 191, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 201, 182) }
```

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

```
.background{ background-color: rgb(168,  
201, 182) }
```

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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