

Converting Colors

`RYB(169, 198, 207)`

Have a look what the booklet for
RYB(169, 198, 207) contains.

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Color

R_YB(169, 198, 207)

Conversions

Conversions Part 1

Format	Color
Hex	A9CFB5
RGB	169, 207, 181
RGB Percent	66%, 81%, 71%
CMY	0.3373, 0.1882, 0.2910
CMYK	0.18, 0.00, 0.13, 0.19
HSL	139°, 28%, 74%
HSV	139°, 18%, 81%
XYZ	46.9943, 56.3884, 52.0120
YIQ	192.6740, -14.3020, -16.1420

Conversions

Conversions Part 2

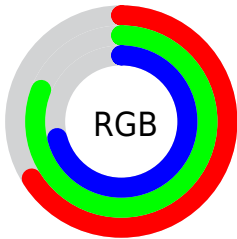
Format	Color
RYB	169, 198, 207
Decimal	11128757
CIELab	79.83, -17.71, 8.89
CIELCh	80, 19.813, 153.344
Yxy	56.3884, 0.3024, 0.3629
Android (android.graphics.Color)	4289318837 (0xFFA9CFB5)
YUV	192.6740, -5.7553, -20.7621
Hunter-Lab	75.0922, -19.7023, 11.4978

Details

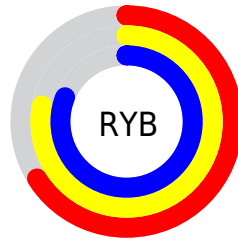
The RYB color **169, 198, 207** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **207, 169, 195**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **225, 246, 255**, and **116, 144, 153** is the 20% darker color. If you saturate the color by 10%, you get **148, 193, 207**, and if you desaturate by 10%, it is **190, 203, 207**.

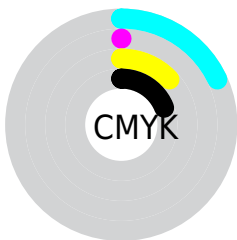
Distribution



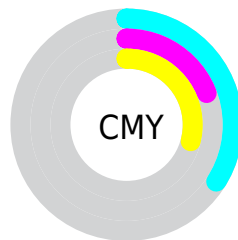
- Red (66%)
- Green (81%)
- Blue (71%)



- Red (66%)
- Yellow (78%)
- Blue (81%)



- Cyan (18%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (34%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 198, 207 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 169, 198, 207 by changing the saturation by 10% instead.


 169, 198, 207

255, 255, 255


 225, 246, 255

253, 254, 255

 169, 198, 207


 142, 170, 179

 116, 144, 153

 91, 118, 127

 67, 92, 101

 44, 68, 77

 21, 45, 54

 0, 24, 33

 0, 0, 0

 169, 198, 207


 169, 198, 207

 148, 193, 207


 190, 203, 207

 128, 189, 207


 210, 207, 209

 107, 183, 207


 231, 207, 224

 86, 178, 207


 252, 207, 238


 66, 174, 207


 255, 207, 252

 45, 169, 207

 255, 207, 255

 24, 164, 207

 3, 158, 207

 0, 158, 207

Harmonies

Analogous

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



167, 203, 180



169, 198, 207



153, 184, 209

Triad

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



169, 198, 207



180, 194, 234



236, 189, 178

Complementary

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



169, 198, 207



207, 169, 195

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.



235, 185, 196



169, 198, 207



204, 193, 229

Square

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



169, 198, 207



159, 187, 230



224, 187, 215



227, 210, 165

Rectangle

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



169, 198, 207



149, 179, 212



224, 187, 215



237, 186, 184

Sweetspot

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



169, 198, 207



240, 252, 255



169, 207, 180



119, 126, 128



0, 0, 0



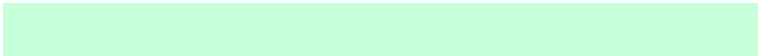
128, 128, 128

Same Dimension

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



169, 198, 207



199, 242, 255



169, 190, 207



94, 103, 105



0, 128, 168



0, 31, 41

Inverse Universe

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



207, 169, 195



255, 199, 238



207, 169, 177



105, 94, 101



168, 0, 116



41, 0, 28

Previews

White Background



This preview shows how the RYB color 169, 198, 207 looks on a white background.

Color Contrast Check

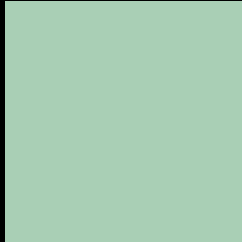
Large Text (above 18pt) WCAG AA × Fail

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 169, 198, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

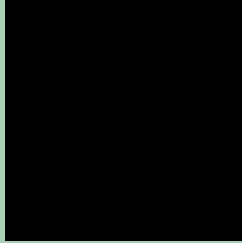
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

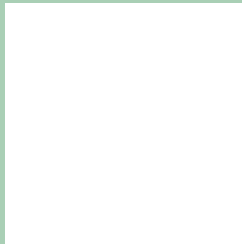
Any Text WCAG AAA ✓ Pass

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

RYB 169, 198, 207 Background



This preview shows how black text looks on a background with the RYB color 169, 198, 207.

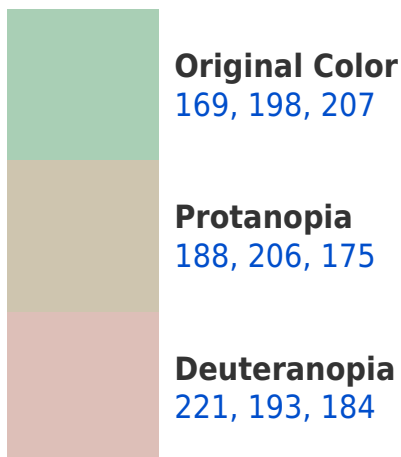


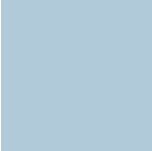
This preview shows how white text looks on a background with the RYB color 169, 198, 207.

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](#).

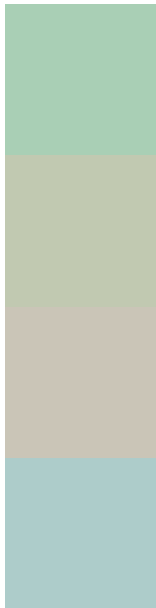
Dichromacy





Tritanopia
176, 192, 218

Trichromacy



Original Color
169, 198, 207

Protanomaly
177, 201, 185

Deuteranomaly
190, 202, 183

Tritanomaly
173, 189, 204

Monochromacy



Original Color
169, 198, 207

Achromatopsia
193, 193, 193

Achromatomaly
184, 194, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 198, 207 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(169, 207, 181)` looks like.

```
.text, #text, p{  
    color:rgb(169, 207, 181)  
}
```

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(169, 207, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 207, 181) }
```

Border

The CSS property to change the border of an element to RYB 169, 198, 207 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(169, 207, 181) }
```

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

```
.border{ border-color:rgb(169, 207, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 207, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 207, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 207, 181);  
box-shadow:4px 4px 4px 4px rgb(169, 207,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 169, 198, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 207, 181) }
```

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

```
.background{ background-color: rgb(169,  
207, 181) }
```

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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