

Converting Colors

`RYB(169, 189, 203)`

Have a look what the booklet for
RYB(169, 189, 203) contains.

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Color

R_YB(169, 189, 203)

Conversions

Conversions Part 1

Format	Color
Hex	A9CBC1
RGB	169, 203, 193
RGB Percent	66%, 80%, 76%
CMY	0.3373, 0.2039, 0.2439
CMYK	0.17, 0.00, 0.05, 0.20
HSL	162°, 25%, 73%
HSV	162°, 17%, 80%
XYZ	47.3215, 54.9882, 58.4549
YIQ	191.6940, -17.0540, -10.3180

Conversions

Conversions Part 2

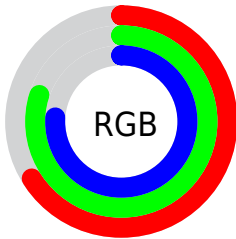
Format	Color
RYB	169, 189, 203
Decimal	11127745
CIELab	79.03, -13.34, 1.30
CIElCh	79, 13.408, 174.419
Yxy	54.9882, 0.2944, 0.3420
Android (android.graphics.Color)	4289317825 (0xFFA9CBC1)
YUV	191.6940, 0.6439, -19.9026
Hunter-Lab	74.1540, -15.8597, 5.1701

Details

The RYB color **169, 189, 203** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **203, 169, 179**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **225, 242, 255**, and **116, 135, 149** is the 20% darker color. If you saturate the color by 10%, you get **149, 181, 203**, and if you desaturate by 10%, it is **189, 197, 203**.

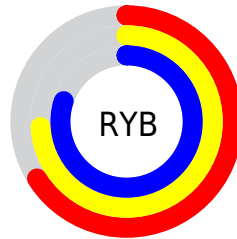
Distribution



Red (66%)

Green (80%)

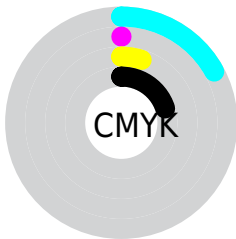
Blue (76%)



Red (66%)

Yellow (74%)

Blue (80%)

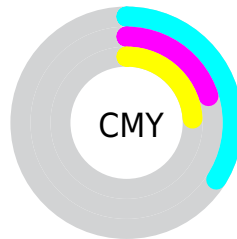


Cyan (17%)

Magenta (0%)

Yellow (5%)

Black (20%)



Cyan (34%)

Magenta (20%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 189, 203 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, 189, 203 by changing the saturation by 10% instead.


 169, 189, 203

255, 255, 255


 225, 242, 255

253, 254, 255

 169, 189, 203

 142, 162, 176


 116, 135, 149

 91, 110, 123

 67, 85, 98

 44, 61, 74

 22, 38, 51

 0, 17, 30


 0, 0, 0

 169, 189, 203

 169, 189, 203

 149, 181, 203


 189, 197, 203

 128, 172, 203


 210, 203, 205

 108, 164, 203


 230, 203, 211

 88, 156, 203


 250, 203, 217

 68, 148, 203

 255, 203, 223

 47, 139, 203

 255, 203, 229

 27, 131, 203

 255, 203, 235

 7, 122, 203

 255, 203, 242

 0, 119, 203

 255, 203, 248

Harmonies

Analogous

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



180, 200, 201



169, 189, 203



164, 184, 205

Triad

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



169, 189, 203



195, 193, 218



218, 197, 176

Complementary

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



169, 189, 203



203, 169, 179

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.



223, 188, 186



169, 189, 203



210, 190, 210

Square

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



169, 189, 203



180, 192, 220



220, 187, 199



194, 208, 171

Rectangle

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



169, 189, 203



166, 186, 213



220, 187, 199



221, 192, 179

Sweetspot

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



169, 189, 203



242, 250, 255



169, 203, 193



120, 125, 128



0, 0, 0



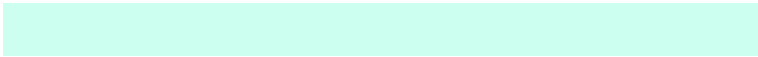
128, 128, 128

Same Dimension

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



169, 189, 203



204, 234, 255



169, 184, 203



92, 98, 102



0, 98, 166



0, 22, 38

Inverse Universe

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



203, 169, 179



255, 204, 219



203, 178, 169



102, 92, 95



166, 0, 50



38, 0, 11

Previews

White Background



This preview shows how the RYB color 169, 189, 203 looks on a white background.

Color Contrast Check

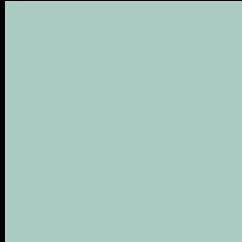
Large Text (above 18pt) WCAG AA × Fail

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, 189, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

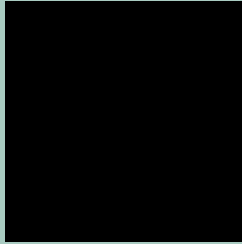
Any Text WCAG AA ✓ Pass

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, 189, 203 Background



This preview shows how black text looks on a background with the RYB color 169, 189, 203.



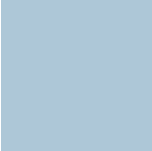
This preview shows how white text looks on a background with the RYB color 169, 189, 203.

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, 189, 215

Trichromacy



Original Color
169, 189, 203

Protanomaly
189, 196, 197

Deuteranomaly
198, 194, 195

Tritanomaly
172, 188, 207

Monochromacy



Original Color
169, 189, 203

Achromatopsia
192, 192, 192

Achromatomaly
184, 191, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 189, 203 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, 203, 193)` looks like.

```
.text, #text, p{  
    color:rgb(169, 203, 193)  
}
```

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, 203, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 203, 193) }
```

Border

The CSS property to change the border of an element to RYB 169, 189, 203 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, 203, 193) }
```

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

```
.border{ border-color:rgb(169, 203, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 203, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 203, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 203, 193); box-shadow:4px 4px 4px 4px rgb(169, 203, 193) }
```

Background

The CSS property to change the background color of an element to RYB 169, 189, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 203, 193) }
```

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

```
.background{ background-color: rgb(169,  
203, 193) }
```

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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