

Converting Colors

`RYB(159, 183, 208)`

Have a look what the booklet for
RYB(159, 183, 208) contains.

RYB(159, 183, 208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(159, 183, 208)

Conversions

Conversions Part 1

Format	Color
Hex	9FCED0
RGB	159, 206, 208
RGB Percent	62%, 81%, 82%
CMY	0.3765, 0.1920, 0.1843
CMYK	0.24, 0.01, 0.00, 0.18
HSL	182°, 34%, 72%
HSV	182°, 24%, 82%
XYZ	47.7642, 56.0869, 67.9829
YIQ	192.1750, -28.6540, -9.3420

Conversions

Conversions Part 2

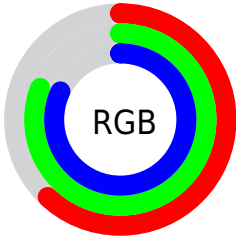
Format	Color
RYB	159, 183, 208
Decimal	10473168
CIELab	79.66, -14.82, -6.00
CIELCh	80, 15.992, 202.048
Yxy	56.0869, 0.2780, 0.3264
Android (android.graphics.Color)	4288663248 (0xFF9FCED0)
YUV	192.1750, 7.8017, -29.0945
Hunter-Lab	74.8912, -17.2156, -1.3970

Details

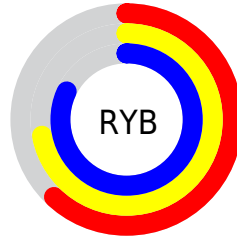
The RYB color **159, 183, 208** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **208, 161, 159**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **215, 235, 255**, and **106, 129, 154** is the 20% darker color. If you saturate the color by 10%, you get **138, 172, 208**, and if you desaturate by 10%, it is **180, 194, 208**.

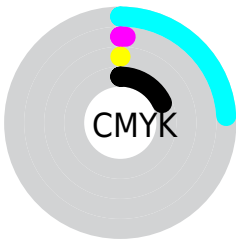
Distribution



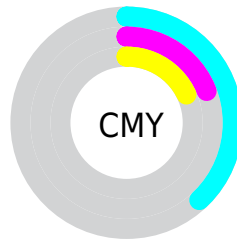
- Red (62%)
- Green (81%)
- Blue (82%)



- Red (62%)
- Yellow (72%)
- Blue (82%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (38%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 183, 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 RYB color 159, 183, 208 by changing the saturation by 10% instead.


 159, 183, 208

255, 255, 255


 215, 235, 255

 243, 249, 255


 159, 183, 208

 132, 155, 180


 106, 129, 154

 81, 104, 128

 56, 79, 103

 31, 54, 79

 2, 28, 56

 0, 17, 35

 0, 1, 13

 0, 0, 0

■ 159, 183, 208

■ 159, 183, 208

■ 138, 172, 208

■ 180, 194, 208

■ 117, 161, 208

■ 201, 205, 208

■ 97, 151, 208

■ 221, 209, 208

■ 76, 141, 208

■ 242, 209, 208

■ 55, 130, 208

■ 255, 210, 208

■ 34, 119, 208

■ 255, 211, 208

■ 13, 108, 208

■ 255, 212, 208

■ 0, 102, 208

■ 255, 214, 208

■ 255, 215, 208

Harmonies

Analogous

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



166, 190, 206



159, 183, 208



163, 187, 220

Triad

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



159, 183, 208



213, 190, 216



198, 213, 168

Complementary

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



159, 183, 208



208, 161, 159

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.



225, 197, 174



159, 183, 208



225, 188, 202

Square

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



159, 183, 208



195, 195, 225



229, 188, 187



170, 200, 173

Rectangle

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



159, 183, 208



171, 190, 225



229, 188, 187



218, 216, 169

Sweetspot

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



159, 183, 208



237, 246, 255



159, 206, 208



117, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



159, 183, 208



184, 219, 255



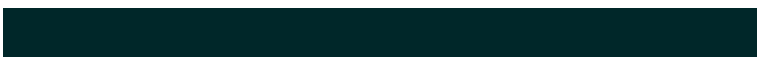
159, 175, 208



94, 99, 105



0, 82, 168



0, 20, 41

Inverse Universe

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



208, 159, 206



255, 184, 252



202, 208, 159



105, 94, 104



168, 0, 162



41, 0, 39

Previews

White Background



This preview shows how the RYB color 159, 183, 208 looks on a white background.

Color Contrast Check

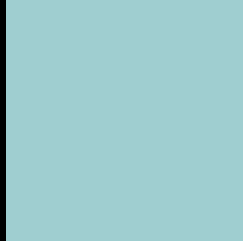
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 159, 183, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

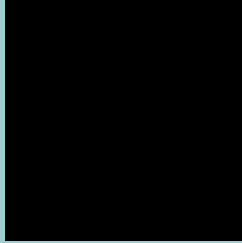
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

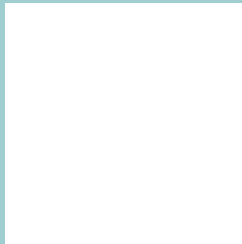
Any Text WCAG AAA ✓ Pass

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

RYB 159, 183, 208 Background



This preview shows how black text looks on a background with the RYB color 159, 183, 208.

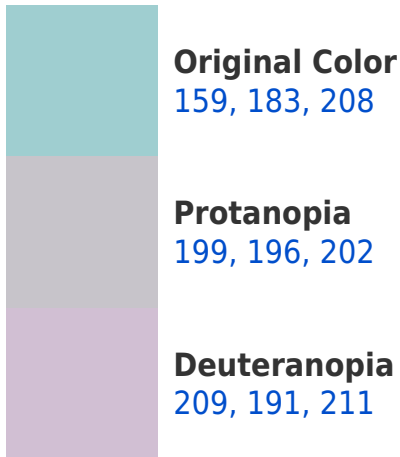


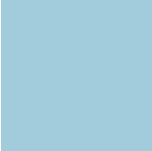
This preview shows how white text looks on a background with the RYB color 159, 183, 208.

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](#).

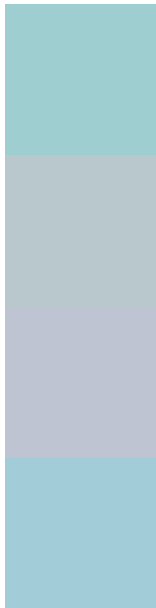
Dichromacy





Tritanopia
162, 186, 220

Trichromacy



Original Color
159, 183, 208

Protanomaly
184, 193, 204

Deuteranomaly
191, 195, 210

Tritanomaly
161, 185, 216

Monochromacy



Original Color
159, 183, 208

Achromatopsia
192, 192, 192

Achromatomaly
180, 189, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 159, 183, 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(159, 206, 208)` looks like.

```
.text, #text, p{  
    color:rgb(159, 206, 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(159, 206, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 206, 208) }
```

Border

The CSS property to change the border of an element to RYB 159, 183, 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(159, 206, 208) }
```

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

```
.border{ border-color:rgb(159, 206, 208) }
```

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

Here you see how a box with a 4 pixel rgb(159, 206, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 206, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 206, 208);  
box-shadow:4px 4px 4px 4px rgb(159, 206,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 159, 183, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 206, 208) }
```

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

```
.background{ background-color: rgb(159,  
206, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor