

Converting Colors

`RYB(139, 176, 209)`

Have a look what the booklet for RYB(139, 176, 209) contains.

RYB(139, 176, 209)	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(139, 176, 209)

Conversions

Conversions Part 1

Format	Color
Hex	8BD1C9
RGB	139, 209, 201
RGB Percent	55%, 82%, 79%
CMY	0.4549, 0.1804, 0.2101
CMYK	0.33, 0.00, 0.04, 0.18
HSL	174°, 43%, 68%
HSV	174°, 33%, 82%
XYZ	44.0415, 55.3273, 63.8834
YIQ	187.1580, -39.1520, -17.3280

Conversions

Conversions Part 2

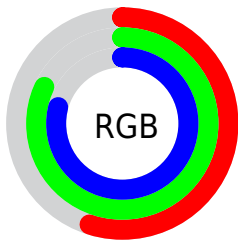
Format	Color
RYB	139, 176, 209
Decimal	9163209
CIELab	79.23, -23.56, -3.24
CIELCh	79, 23.783, 187.839
Yxy	55.3273, 0.2698, 0.3389
Android (android.graphics.Color)	4287353289 (0xFF8BD1C9)
YUV	187.1580, 6.8241, -42.2346
Hunter-Lab	74.3823, -24.4799, 1.1463

Details

The RYB color **139, 176, 209** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **209, 139, 147**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **195, 225, 255**, and **85, 121, 154** is the 20% darker color. If you saturate the color by 10%, you get **118, 166, 209**, and if you desaturate by 10%, it is **160, 186, 209**.

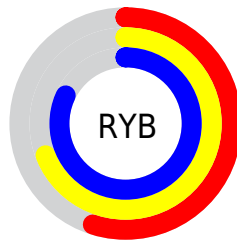
Distribution



Red (55%)

Green (82%)

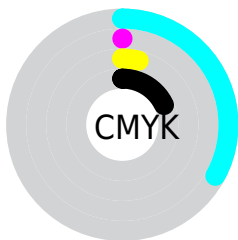
Blue (79%)



Red (55%)

Yellow (69%)

Blue (82%)

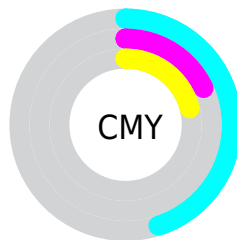


Cyan (33%)

Magenta (0%)

Yellow (4%)

Black (18%)



Cyan (45%)

Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 176, 209 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 139, 176, 209 by changing the saturation by 10% instead.

 139, 176, 209


255, 255, 255


 195, 225, 255

 223, 239, 255

253, 254, 255

 139, 176, 209

 112, 148, 181


 85, 121, 154

 58, 95, 128

 29, 68, 103

 0, 40, 78

 0, 29, 55

 0, 18, 34

 0, 0, 5

 0, 0, 0

■ 139, 176, 209

■ 139, 176, 209

■ 118, 166, 209

■ 160, 186, 209

■ 97, 156, 209

■ 181, 196, 209

■ 76, 146, 209

■ 202, 206, 209

■ 55, 136, 209

■ 223, 209, 210

■ 35, 127, 209

■ 244, 209, 213

■ 14, 117, 209

■ 255, 209, 215

■ 0, 111, 209

■ 255, 209, 217

■ 255, 209, 220

■ 255, 209, 222

Harmonies

Analogous

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



158, 192, 207



139, 176, 209



135, 175, 223

Triad

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



139, 176, 209



207, 189, 231



228, 217, 156

Complementary

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



139, 176, 209



209, 139, 147

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.



240, 186, 170



139, 176, 209



230, 183, 213

Square

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



139, 176, 209



178, 192, 240



241, 180, 191



164, 207, 152

Rectangle

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



139, 176, 209



143, 180, 233



241, 180, 191



233, 203, 160

Sweetspot

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



139, 176, 209



230, 243, 255



139, 209, 201



112, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 176, 209



153, 207, 255



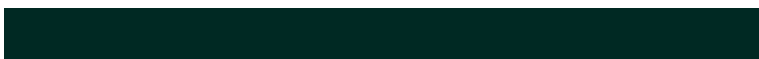
139, 166, 209



94, 100, 105



0, 89, 168



0, 22, 41

Inverse Universe

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



209, 139, 147



255, 153, 164



209, 183, 139



105, 94, 95



168, 0, 18



41, 0, 4

Previews

White Background



This preview shows how the RYB color 139, 176, 209 looks on a white background.

Color Contrast Check

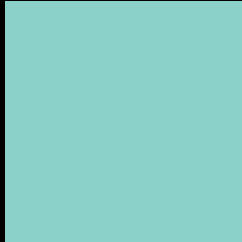
Large Text (above 18pt) WCAG AA × Fail

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 139, 176, 209 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

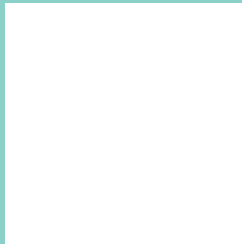
Any Text WCAG AAA ✓ Pass

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

RYB 139, 176, 209 Background



This preview shows how black text looks on a background with the RYB color 139, 176, 209.

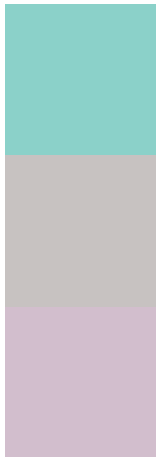


This preview shows how white text looks on a background with the RYB color 139, 176, 209.

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](#).

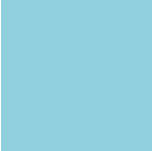
Dichromacy



Original Color
139, 176, 209

Protanopia
199, 194, 193

Deuteranopia
210, 190, 205



Tritanopia
144, 179, 222

Trichromacy



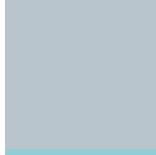
Original Color

139, 176, 209



Protanomaly

177, 189, 199



Deuteranomaly

184, 192, 204



Tritanomaly

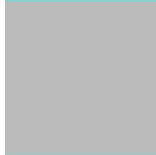
142, 176, 215

Monochromacy



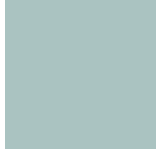
Original Color

139, 176, 209



Achromatopsia

187, 187, 187



Achromatomaly

170, 183, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 176, 209 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(139, 209, 201)` looks like.

```
.text, #text, p{  
    color:rgb(139, 209, 201)  
}
```

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(139, 209, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 209, 201) }
```

Border

The CSS property to change the border of an element to RYB 139, 176, 209 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(139, 209, 201) }
```

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

```
.border{ border-color:rgb(139, 209, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 209, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 209, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 209, 201);  
box-shadow:4px 4px 4px 4px rgb(139, 209,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 139, 176, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 209, 201) }
```

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

```
.background{ background-color: rgb(139,  
209, 201) }
```

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