

Converting Colors

`RYB(139, 178, 201)`

Have a look what the booklet for
RYB(139, 178, 201) contains.

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Color

R_YB(139, 178, 201)

Conversions

Conversions Part 1

Format	Color
Hex	8BC9B0
RGB	139, 201, 176
RGB Percent	55%, 79%, 69%
CMY	0.4549, 0.2118, 0.3115
CMYK	0.31, 0.00, 0.13, 0.21
HSL	155°, 36%, 67%
HSV	155°, 31%, 79%
XYZ	39.3275, 50.3796, 48.5000
YIQ	179.6120, -28.9270, -20.9190

Conversions

Conversions Part 2

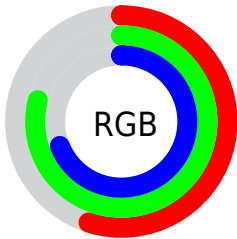
Format	Color
RYB	139, 178, 201
Decimal	9161136
CIELab	76.30, -25.27, 6.40
CIELCh	76, 26.067, 165.789
Yxy	50.3796, 0.2846, 0.3645
Android (android.graphics.Color)	4287351216 (0xFF8BC9B0)
YUV	179.6120, -1.7807, -35.6167
Hunter-Lab	70.9786, -25.3101, 9.1719

Details

The RYB color **139, 178, 201** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **201, 139, 164**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **194, 232, 255**, and **87, 124, 147** is the 20% darker color. If you saturate the color by 10%, you get **119, 171, 201**, and if you desaturate by 10%, it is **159, 185, 201**.

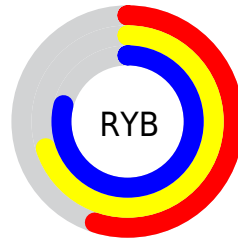
Distribution



Red (55%)

Green (79%)

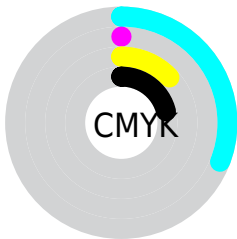
Blue (69%)



Red (55%)

Yellow (70%)

Blue (79%)

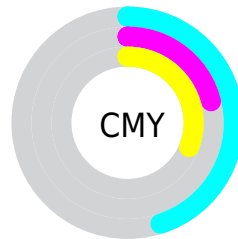


Cyan (31%)

Magenta (0%)

Yellow (13%)

Black (21%)



Cyan (45%)

Magenta (21%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 139, 178, 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 139, 178, 201 by changing the saturation by 10% instead.


 139, 178, 201

 139, 178, 201


255, 255, 255

 112, 150, 173

 194, 232, 255

 87, 125, 147

 222, 239, 255

 61, 98, 121

 251, 253, 255

 35, 72, 96

 3, 43, 72

 0, 30, 49


 0, 25, 30


 0, 0, 0

 139, 178, 201


 139, 178, 201

 119, 171, 201


 159, 185, 201

 99, 163, 201


 179, 193, 201

 79, 156, 201


 199, 200, 201

 59, 148, 201

 219, 201, 209

 39, 141, 201

 240, 201, 217

 18, 133, 201

 255, 201, 225

 0, 126, 201

 255, 201, 233

 255, 201, 242

 255, 201, 250

Harmonies

Analogous

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



154, 197, 186



139, 178, 201



121, 162, 202

Triad

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



139, 178, 201



177, 185, 234



233, 182, 155

Complementary

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



139, 178, 201



201, 139, 164

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.



238, 171, 176



139, 178, 201



208, 178, 222

Square

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



139, 178, 201



144, 176, 234



229, 172, 201



204, 217, 142

Rectangle

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



139, 178, 201



119, 163, 215



229, 172, 201



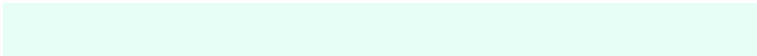
236, 175, 161

Sweetspot

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



139, 178, 201



232, 246, 255



139, 201, 175



113, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 178, 201



161, 220, 255



139, 169, 201



90, 96, 99



0, 103, 163



0, 23, 36

Inverse Universe

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



201, 139, 164



255, 161, 199



201, 144, 139



99, 90, 94



163, 0, 67



36, 0, 15

Previews

White Background



This preview shows how the RYB color 139, 178, 201 looks on a white background.

Color Contrast Check

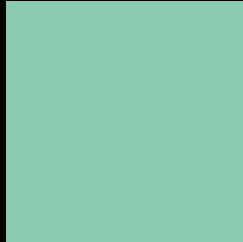
Large Text (above 18pt) WCAG AA × Fail

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 139, 178, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

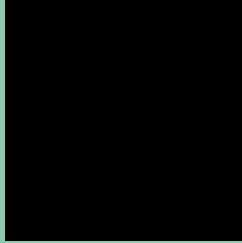
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

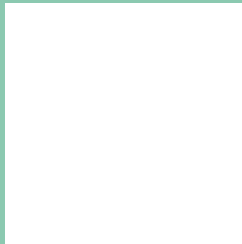
Any Text WCAG AAA ✓ Pass

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

RYB 139, 178, 201 Background



This preview shows how black text looks on a background with the RYB color 139, 178, 201.

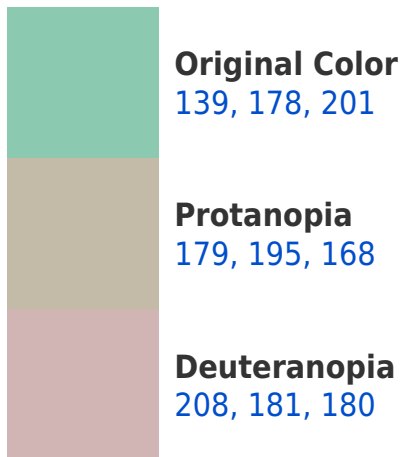


This preview shows how white text looks on a background with the RYB color 139, 178, 201.

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
147, 175, 212

Trichromacy



Original Color

139, 178, 201



Protanomaly

171, 192, 188



Deuteranomaly

178, 188, 183



Tritanomaly

144, 171, 199

Monochromacy



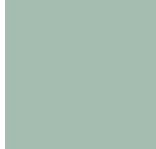
Original Color

139, 178, 201



Achromatopsia

180, 180, 180



Achromatomaly

165, 180, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 178, 201 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, 201, 176)` looks like.

```
.text, #text, p{  
    color:rgb(139, 201, 176)  
}
```

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, 201, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 201, 176) }
```

Border

The CSS property to change the border of an element to RYB 139, 178, 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(139, 201, 176) }
```

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

```
.border{ border-color:rgb(139, 201, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 201, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 201, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 201, 176);  
box-shadow:4px 4px 4px 4px rgb(139, 201,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 139, 178, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 201, 176) }
```

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

```
.background{ background-color: rgb(139,  
201, 176) }
```

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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