

Converting Colors

`RYB(136, 179, 201)`

Have a look what the booklet for
RYB(136, 179, 201) contains.

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Color

R_YB(136, 179, 201)

Conversions

Conversions Part 1

Format	Color
Hex	88C9A9
RGB	136, 201, 169
RGB Percent	53%, 79%, 66%
CMY	0.4667, 0.2118, 0.3363
CMYK	0.32, 0.00, 0.16, 0.21
HSL	151°, 38%, 66%
HSV	151°, 32%, 79%
XYZ	38.2255, 49.8817, 45.2756
YIQ	177.9170, -28.4680, -23.7320

Conversions

Conversions Part 2

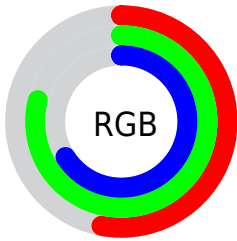
Format	Color
RYB	136, 179, 201
Decimal	8964521
CIELab	76.00, -27.47, 9.34
CIELCh	76, 29.011, 161.227
Yxy	49.8817, 0.2866, 0.3740
Android (android.graphics.Color)	4287154601 (0xFF88C9A9)
YUV	177.9170, -4.3961, -36.7612
Hunter-Lab	70.6270, -26.9876, 11.4309

Details

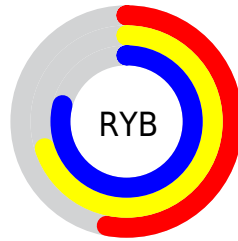
The RYB color **136, 179, 201** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **201, 136, 168**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **191, 233, 255**, and **83, 125, 147** is the 20% darker color. If you saturate the color by 10%, you get **116, 172, 201**, and if you desaturate by 10%, it is **156, 186, 201**.

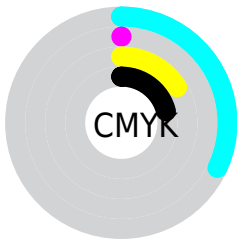
Distribution



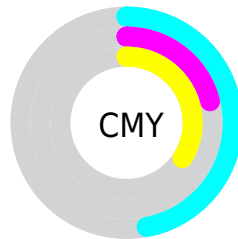
- Red (53%)
- Green (79%)
- Blue (66%)



- Red (53%)
- Yellow (70%)
- Blue (79%)



- Cyan (32%)
- Magenta (0%)
- Yellow (16%)
- Black (21%)




- Cyan (47%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the RYB color 136, 179, 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 136, 179, 201 by changing the saturation by 10% instead.


 136, 179, 201

 136, 179, 201

255, 255, 255

 109, 151, 173


 191, 233, 255

 83, 125, 147

 219, 238, 255

 58, 99, 121

 248, 252, 255

 31, 72, 96

 0, 43, 71

 0, 31, 48


 0, 29, 29


 0, 0, 0


 136, 179, 201


 136, 179, 201


 116, 172, 201


 156, 186, 201

 96, 165, 201

 176, 192, 201

 76, 159, 201


 196, 199, 201

 56, 152, 201


 216, 201, 209

 36, 145, 201

 237, 201, 218

 15, 138, 201

 255, 201, 228

 0, 133, 201

 255, 201, 238

 255, 201, 248

 255, 201, 255

Harmonies

Analogous

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



146, 196, 175



136, 179, 201



112, 158, 202

Triad

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



136, 179, 201



168, 182, 240



238, 177, 153

Complementary

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



136, 179, 201



201, 136, 168

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.



241, 168, 178



136, 179, 201



204, 177, 228

Square

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



136, 179, 201



131, 171, 237



230, 170, 205



220, 222, 137

Rectangle

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



136, 179, 201



106, 157, 214



230, 170, 205



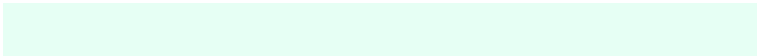
241, 171, 161

Sweetspot

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



136, 179, 201



230, 246, 255



136, 201, 168



112, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



136, 179, 201



156, 222, 255



136, 169, 201



90, 96, 99



0, 108, 163



0, 24, 36

Inverse Universe

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



201, 136, 168



255, 156, 204



201, 136, 136



99, 90, 94



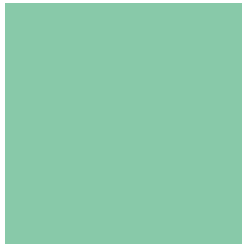
163, 0, 80



36, 0, 17

Previews

White Background



This preview shows how the RYB color 136, 179, 201 looks on a white background.

Color Contrast Check

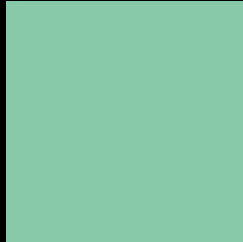
Large Text (above 18pt) WCAG AA × Fail

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 136, 179, 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 136, 179, 201 Background



This preview shows how black text looks on a background with the RYB color 136, 179, 201.

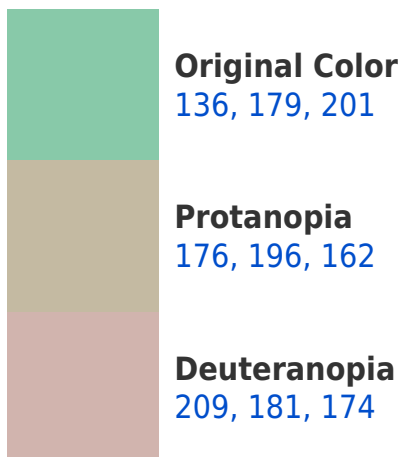


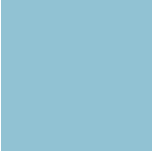
This preview shows how white text looks on a background with the RYB color 136, 179, 201.

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
145, 173, 211

Trichromacy



Original Color

136, 179, 201



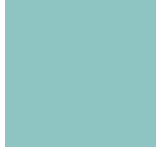
Protanomaly

165, 191, 182



Deuteranomaly

172, 188, 178



Tritanomaly

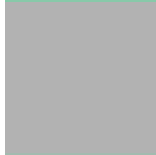
142, 170, 197

Monochromacy



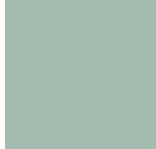
Original Color

136, 179, 201



Achromatopsia

178, 178, 178



Achromatomaly

163, 178, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 179, 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(136, 201, 169)` looks like.

```
.text, #text, p{  
    color:rgb(136, 201, 169)  
}
```

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(136, 201, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 201, 169) }
```

Border

The CSS property to change the border of an element to RYB 136, 179, 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(136, 201, 169) }
```

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

```
.border{ border-color:rgb(136, 201, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 201, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 201, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 201, 169);  
box-shadow:4px 4px 4px 4px rgb(136, 201,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 136, 179, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 201, 169) }
```

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

```
.background{ background-color: rgb(136,  
201, 169) }
```

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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