

Converting Colors

`RYB(135, 179, 201)`

Have a look what the booklet for
RYB(135, 179, 201) contains.

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Color

$\text{RYB}(135, 179, 201)$

Conversions

Conversions Part 1

Format	Color
Hex	87C9A8
RGB	135, 201, 168
RGB Percent	53%, 79%, 66%
CMY	0.4706, 0.2118, 0.3412
CMYK	0.33, 0.00, 0.16, 0.21
HSL	150°, 38%, 66%
HSV	150°, 33%, 79%
XYZ	37.9462, 49.7513, 44.6488
YIQ	177.5040, -28.7430, -24.2550

Conversions

Conversions Part 2

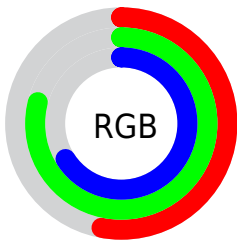
Format	Color
RYB	135, 179, 201
Decimal	8898984
CIELab	75.92, -28.02, 9.89
CIElCh	76, 29.717, 160.561
Yxy	49.7513, 0.2867, 0.3759
Android (android.graphics.Color)	4287089064 (0xFF87C9A8)
YUV	177.5040, -4.6855, -37.2760
Hunter-Lab	70.5346, -27.4062, 11.8434

Details

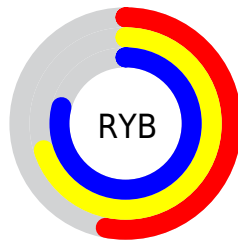
The RYB color **135, 179, 201** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **201, 135, 168**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **190, 233, 255**, and **82, 125, 147** is the 20% darker color. If you saturate the color by 10%, you get **115, 172, 201**, and if you desaturate by 10%, it is **155, 186, 201**.

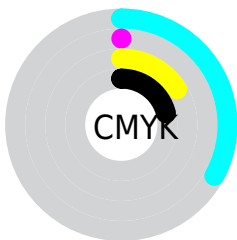
Distribution



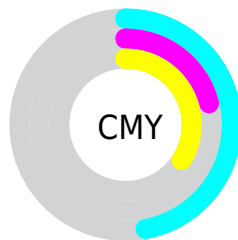
- Red (53%)
- Green (79%)
- Blue (66%)



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



- Cyan (33%)
- Magenta (0%)
- Yellow (16%)
- Black (21%)



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

Brightness & Saturation Gradients


These gradients show how the RYB color 135, 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 135, 179, 201 by changing the saturation by 10% instead.


 135, 179, 201

 135, 179, 201

255, 255, 255

 108, 151, 173

 190, 233, 255

 82, 125, 147

 218, 237, 255

 57, 99, 121

 247, 251, 255

 30, 72, 96


 0, 43, 71

 0, 32, 48

 0, 29, 29


 0, 0, 0


 135, 179, 201


 135, 179, 201

 115, 172, 201


 155, 186, 201

 95, 166, 201


 175, 192, 201

 75, 159, 201


 195, 199, 201

 55, 152, 201


 215, 201, 208

 35, 146, 201

 236, 201, 218

 14, 138, 201

 255, 201, 228

 0, 134, 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.



145, 196, 175



135, 179, 201



109, 158, 203

Triad

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



135, 179, 201



166, 182, 241



239, 176, 153

Complementary

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



135, 179, 201



201, 135, 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.



242, 167, 178



135, 179, 201



203, 177, 229

Square

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



135, 179, 201



128, 170, 238



230, 169, 206



223, 221, 136

Rectangle

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



135, 179, 201



103, 155, 214



230, 169, 206



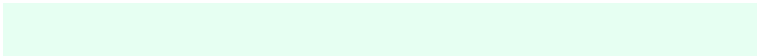
242, 170, 161

Sweetspot

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



135, 179, 201



230, 247, 255



135, 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.



135, 179, 201



156, 222, 255



135, 168, 201



90, 96, 99



0, 108, 163



0, 24, 36

Inverse Universe

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



201, 135, 168



255, 156, 205



201, 135, 135



99, 90, 94



163, 0, 82



36, 0, 18

Previews

White Background



This preview shows how the RYB color 135, 179, 201 looks on a white background.

Color Contrast Check

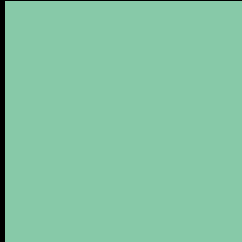
Large Text (above 18pt) WCAG AA × Fail

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 135, 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 135, 179, 201 Background



This preview shows how black text looks on a background with the RYB color 135, 179, 201.

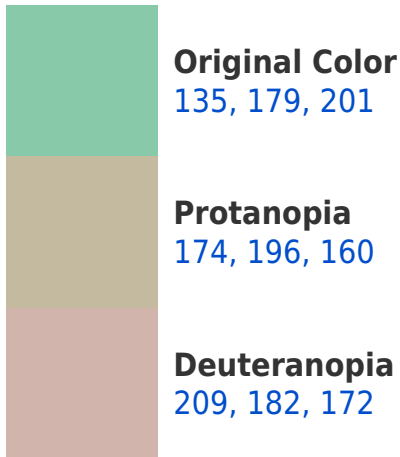


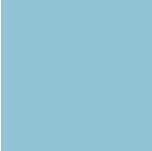
This preview shows how white text looks on a background with the RYB color 135, 179, 201.

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
144, 173, 211

Trichromacy



Original Color

135, 179, 201



Protanomaly

163, 191, 180



Deuteranomaly

171, 188, 177



Tritanomaly

141, 170, 197

Monochromacy



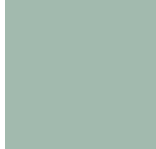
Original Color

135, 179, 201



Achromatopsia

178, 178, 178



Achromatomaly

162, 178, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 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(135, 201, 168)` looks like.

```
.text, #text, p{  
    color:rgb(135, 201, 168)  
}
```

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(135, 201, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 201, 168) }
```

Border

The CSS property to change the border of an element to RYB 135, 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(135, 201, 168) }
```

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

```
.border{ border-color:rgb(135, 201, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 201, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 201, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 201, 168);  
box-shadow:4px 4px 4px 4px rgb(135, 201,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 135, 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(135, 201, 168) }
```

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

```
.background{ background-color: rgb(135,  
201, 168) }
```

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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