

Converting Colors

`RYB(138, 180, 201)`

Have a look what the booklet for
RYB(138, 180, 201) contains.

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Color

R_YB(138, 180, 201)

Conversions

Conversions Part 1

Format	Color
Hex	8AC9AA
RGB	138, 201, 170
RGB Percent	54%, 79%, 67%
CMY	0.4588, 0.2118, 0.3353
CMYK	0.31, 0.00, 0.16, 0.21
HSL	150°, 37%, 66%
HSV	150°, 31%, 79%
XYZ	38.5764, 50.0600, 45.4120
YIQ	178.6290, -27.5970, -22.9970

Conversions

Conversions Part 2

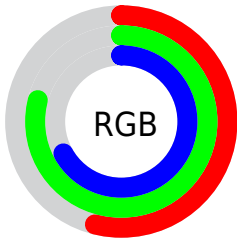
Format	Color
R _Y B	138, 180, 201
Decimal	9095594
CIE Lab	76.11, -26.81, 9.37
CIE LCh	76, 28.405, 160.729
Yxy	50.0600, 0.2878, 0.3734
Android (android.graphics.Color)	4287285674 (0xFF8AC9AA)
YUV	178.6290, -4.2541, -35.6316
Hunter-Lab	70.7531, -26.4951, 11.4725

Details

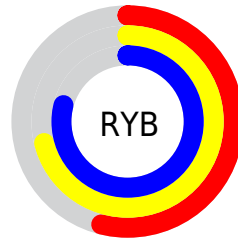
The RYB color **138, 180, 201** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **201, 138, 170**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **193, 234, 255**, and **86, 126, 147** is the 20% darker color. If you saturate the color by 10%, you get **118, 174, 201**, and if you desaturate by 10%, it is **158, 186, 201**.

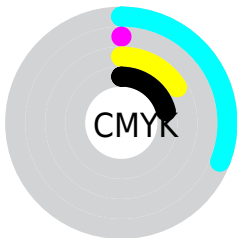
Distribution



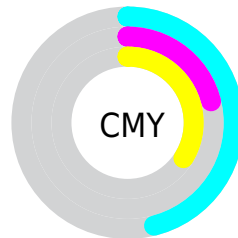
- Red (54%)
- Green (79%)
- Blue (67%)



- Red (54%)
- Yellow (71%)
- Blue (79%)



- Cyan (31%)
- Magenta (0%)
- Yellow (16%)
- Black (21%)



- Cyan (46%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 180, 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 138, 180, 201 by changing the saturation by 10% instead.


 138, 180, 201


255, 255, 255


 193, 234, 255


 221, 239, 255

 250, 253, 255

 138, 180, 201

 111, 152, 173

 86, 126, 147

 60, 100, 121

 34, 74, 96


 2, 44, 71

 0, 31, 48


 0, 30, 30


 0, 0, 0

 138, 180, 201


 138, 180, 201

 118, 174, 201


 158, 186, 201

 98, 167, 201


 178, 193, 201

 78, 160, 201


 198, 200, 201

 58, 154, 201

 218, 201, 210

 38, 147, 201

 239, 201, 220

 17, 140, 201

 255, 201, 230

 0, 134, 201

 255, 201, 240

 255, 201, 250

 255, 201, 255

Harmonies

Analogous

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



147, 196, 175



138, 180, 201



114, 160, 202

Triad

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



138, 180, 201



168, 183, 239



237, 176, 155

Complementary

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



138, 180, 201



201, 138, 170

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, 169, 179



138, 180, 201



204, 178, 227

Square

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



138, 180, 201



132, 171, 236



229, 171, 206



222, 220, 139

Rectangle

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



138, 180, 201



109, 158, 213



229, 171, 206



240, 171, 162

Sweetspot

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



138, 180, 201



232, 247, 255



138, 201, 169



113, 123, 128



0, 0, 0



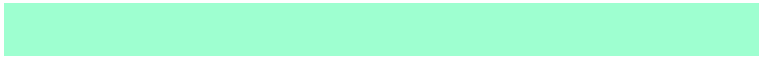
128, 128, 128

Same Dimension

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



138, 180, 201



158, 222, 255



138, 170, 201



90, 96, 99



0, 108, 163



0, 24, 36

Inverse Universe

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



201, 138, 170



255, 158, 207



201, 138, 138



99, 90, 94



163, 0, 82



36, 0, 18

Previews

White Background



This preview shows how the RYB color 138, 180, 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 138, 180, 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 138, 180, 201 Background



This preview shows how black text looks on a background with the RYB color 138, 180, 201.

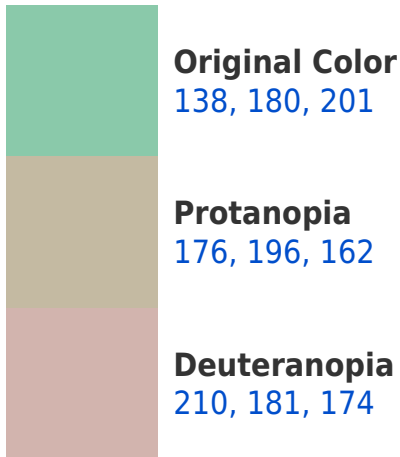


This preview shows how white text looks on a background with the RYB color 138, 180, 201.

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, 174, 211

Trichromacy



Original Color

138, 180, 201



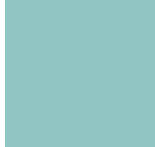
Protanomaly

165, 191, 181



Deuteranomaly

172, 188, 176



Tritanomaly

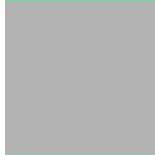
144, 171, 197

Monochromacy



Original Color

138, 180, 201



Achromatopsia

179, 179, 179



Achromatomaly

164, 179, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 180, 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(138, 201, 170)` looks like.

```
.text, #text, p{  
    color:rgb(138, 201, 170)  
}
```

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(138, 201, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 201, 170) }
```

Border

The CSS property to change the border of an element to RYB 138, 180, 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(138, 201, 170) }
```

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

```
.border{ border-color:rgb(138, 201, 170) }
```

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

Here you see how a box with a 4 pixel rgb(138, 201, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 201, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 201, 170);  
box-shadow:4px 4px 4px 4px rgb(138, 201,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 138, 180, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 201, 170) }
```

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

```
.background{ background-color: rgb(138,  
201, 170) }
```

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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