

Converting Colors

`RYB(138, 199, 223)`

Have a look what the booklet for
RYB(138, 199, 223) contains.

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Color

R_YB(138, 199, 223)

Conversions

Conversions Part 1

Format	Color
Hex	8ADFAB
RGB	138, 223, 171
RGB Percent	54%, 87%, 67%
CMY	0.4588, 0.1255, 0.3277
CMYK	0.38, 0.00, 0.23, 0.13
HSL	144°, 57%, 71%
HSV	144°, 38%, 87%
XYZ	44.2619, 61.1358, 48.2172
YIQ	191.6570, -33.9680, -34.1920

Conversions

Conversions Part 2

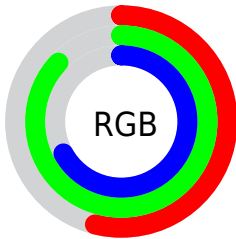
Format	Color
RYB	138, 199, 223
Decimal	9101227
CIELab	82.45, -36.81, 17.30
CIElCh	82, 40.669, 154.824
Yxy	61.1358, 0.2881, 0.3980
Android (android.graphics.Color)	4287291307 (0xFF8ADFAB)
YUV	191.6570, -10.1839, -47.0572
Hunter-Lab	78.1894, -35.7852, 18.1701

Details

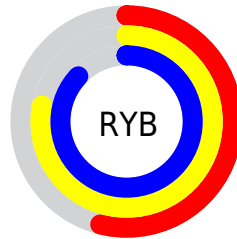
The RYB color **138, 199, 223** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **223, 138, 190**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **194, 234, 255**, and **83, 142, 167** is the 20% darker color. If you saturate the color by 10%, you get **116, 193, 223**, and if you desaturate by 10%, it is **160, 205, 223**.

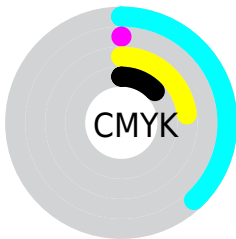
Distribution



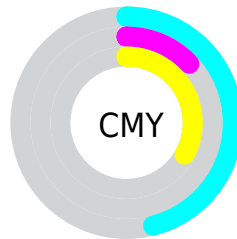
- Red (54%)
- Green (87%)
- Blue (67%)



- Red (54%)
- Yellow (78%)
- Blue (87%)



- Cyan (38%)
- Magenta (0%)
- Yellow (23%)
- Black (13%)



- Cyan (46%)
- Magenta (13%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 199, 223 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, 199, 223 by changing the saturation by 10% instead.

 138, 199, 223


255, 255, 255


 194, 234, 255


 223, 239, 255

 252, 254, 255

 138, 199, 223

 111, 171, 195

 83, 142, 167


 56, 115, 141

 24, 84, 115

 0, 58, 89

 0, 46, 65


 0, 42, 43

 0, 16, 16


 0, 0, 0

 138, 199, 223


 138, 199, 223

 116, 193, 223


 160, 205, 223

 93, 186, 223


 183, 212, 223

 71, 180, 223

 205, 218, 223

 49, 174, 223


 227, 223, 226

 27, 168, 223

 250, 223, 239

 4, 161, 223

 255, 223, 253

 0, 160, 223

 255, 223, 255

Harmonies

Analogous

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



141, 216, 173



138, 199, 223



90, 162, 226

Triad

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



138, 199, 223



161, 192, 255



255, 184, 163

Complementary

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



138, 199, 223



223, 138, 190

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.



255, 176, 200



138, 199, 223



218, 193, 255

Square

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



138, 199, 223



99, 167, 255



255, 181, 238



255, 240, 137

Rectangle

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



138, 199, 223



64, 147, 236



255, 181, 238



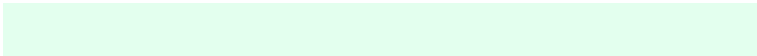
255, 178, 175

Sweetspot

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



138, 199, 223



227, 247, 255



138, 223, 171



111, 124, 128



0, 0, 0



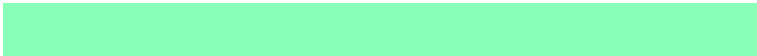
128, 128, 128

Same Dimension

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



138, 199, 223



138, 222, 255



138, 183, 223



101, 109, 112



0, 126, 176



0, 34, 48

Inverse Universe

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



223, 138, 190



255, 138, 209



223, 138, 148



112, 101, 108



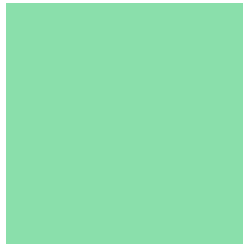
176, 0, 107



48, 0, 29

Previews

White Background



This preview shows how the RYB color 138, 199, 223 looks on a white background.

Color Contrast Check

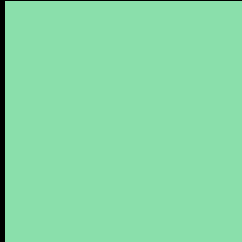
Large Text (above 18pt) WCAG AA × Fail

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, 199, 223 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, 199, 223 Background



This preview shows how black text looks on a background with the RYB color 138, 199, 223.

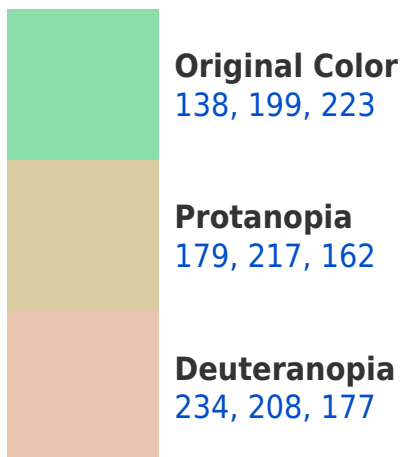


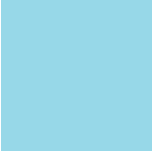
This preview shows how white text looks on a background with the RYB color 138, 199, 223.

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
151, 187, 232

Trichromacy



Original Color

138, 199, 223



Protanomaly

165, 211, 188



Deuteranomaly

175, 206, 182



Tritanomaly

146, 184, 218

Monochromacy



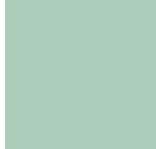
Original Color

138, 199, 223



Achromatopsia

192, 192, 192



Achromatomaly

172, 194, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 199, 223 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, 223, 171)` looks like.

```
.text, #text, p{  
    color:rgb(138, 223, 171)  
}
```

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, 223, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 223, 171) }
```

Border

The CSS property to change the border of an element to RYB 138, 199, 223 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, 223, 171) }
```

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

```
.border{ border-color:rgb(138, 223, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 223, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 223, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 223, 171);  
box-shadow:4px 4px 4px 4px rgb(138, 223,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 138, 199, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 223, 171) }
```

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

```
.background{ background-color: rgb(138,  
223, 171) }
```

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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