

Converting Colors

`RYB(138, 201, 207)`

Have a look what the booklet for
RYB(138, 201, 207) contains.

RYB(138, 201, 207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(138, 201, 207)

Conversions

Conversions Part 1

Format	Color
Hex	8ACF91
RGB	138, 207, 145
RGB Percent	54%, 81%, 57%
CMY	0.4588, 0.1882, 0.4331
CMYK	0.33, 0.00, 0.30, 0.19
HSL	126°, 42%, 68%
HSV	126°, 33%, 81%
XYZ	37.8719, 52.0601, 34.6677
YIQ	179.3010, -21.2220, -33.9100

Conversions

Conversions Part 2

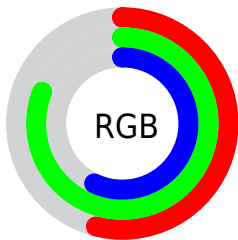
Format	Color
RYB	138, 201, 207
Decimal	9097105
CIELab	77.32, -34.30, 24.32
CIELCh	77, 42.048, 144.659
Yxy	52.0601, 0.3039, 0.4178
Android (android.graphics.Color)	4287287185 (0xFF8ACF91)
YUV	179.3010, -16.9104, -36.2210
Hunter-Lab	72.1527, -32.5751, 22.0194

Details

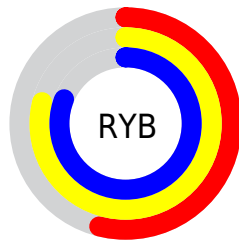
The RYB color **138, 201, 207** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **207, 138, 200**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **193, 250, 255**, and **85, 144, 152** is the 20% darker color. If you saturate the color by 10%, you get **117, 199, 207**, and if you desaturate by 10%, it is **159, 203, 207**.

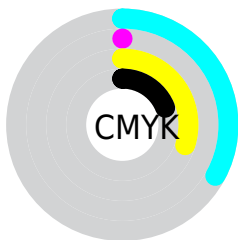
Distribution



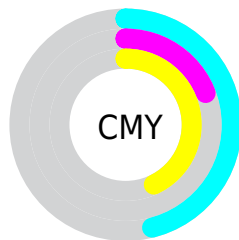
- Red (54%)
- Green (81%)
- Blue (57%)



- Red (54%)
- Yellow (79%)
- Blue (81%)



- Cyan (33%)
- Magenta (0%)
- Yellow (30%)
- Black (19%)



- Cyan (46%)
- Magenta (19%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the RYB color 138, 201, 207 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, 201, 207 by changing the saturation by 10% instead.


 138, 201, 207

 138, 201, 207


255, 255, 255

 111, 172, 179


 193, 250, 255

 85, 144, 152

 222, 251, 255

 59, 117, 126

 251, 253, 255

 31, 89, 101

 0, 58, 76

 0, 53, 53

 0, 33, 33


 0, 0, 0

 138, 201, 207


 138, 201, 207

 117, 199, 207


 159, 203, 207


 97, 198, 207


 179, 204, 207

 76, 196, 207


 200, 206, 207

 55, 193, 207

 221, 207, 219

 34, 192, 207

 241, 207, 238

 14, 191, 207

 255, 207, 255

 0, 189, 207

Harmonies

Analogous

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



119, 198, 133



138, 201, 207



85, 156, 211

Triad

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



138, 201, 207



121, 169, 255



255, 162, 160

Complementary

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



138, 201, 207



207, 138, 200

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, 161, 200



138, 201, 207



185, 183, 255

Square

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



138, 201, 207



44, 136, 253



233, 170, 237



252, 198, 129

Rectangle

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



138, 201, 207



41, 127, 212



233, 170, 237



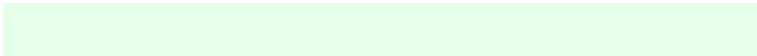
255, 161, 173

Sweetspot

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



138, 201, 207



230, 253, 255



138, 207, 144



112, 126, 128



0, 0, 0



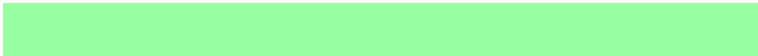
128, 128, 128

Same Dimension

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



138, 201, 207



153, 246, 255



138, 182, 207



94, 104, 105



0, 153, 168



0, 37, 41

Inverse Universe

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



207, 138, 200



255, 153, 245



207, 138, 167



105, 94, 104



168, 0, 152



41, 0, 37

Previews

White Background



This preview shows how the RYB color 138, 201, 207 looks on a white background.

Color Contrast Check

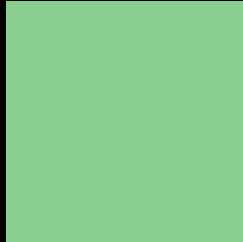
Large Text (above 18pt) WCAG AA × Fail

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, 201, 207 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, 201, 207 Background



This preview shows how black text looks on a background with the RYB color 138, 201, 207.

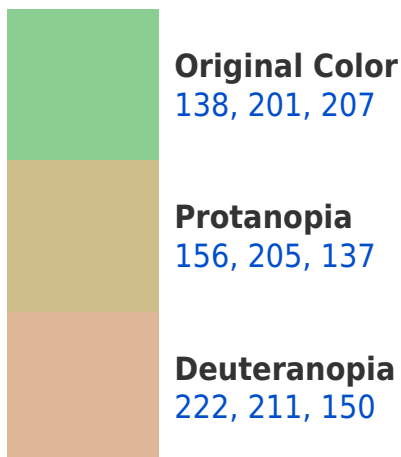


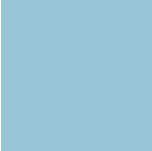
This preview shows how white text looks on a background with the RYB color 138, 201, 207.

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, 178, 214

Trichromacy



Original Color

138, 201, 207



Protanomaly

140, 196, 155



Deuteranomaly

148, 192, 149



Tritanomaly

146, 177, 201

Monochromacy



Original Color

138, 201, 207



Achromatopsia

179, 179, 179



Achromatomaly

164, 187, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 201, 207 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, 207, 145)` looks like.

```
.text, #text, p{  
    color:rgb(138, 207, 145)  
}
```

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, 207, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 207, 145) }
```

Border

The CSS property to change the border of an element to RYB 138, 201, 207 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, 207, 145) }
```

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

```
.border{ border-color:rgb(138, 207, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 207, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 207, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 207, 145);  
box-shadow:4px 4px 4px 4px rgb(138, 207,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 138, 201, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 207, 145) }
```

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

```
.background{ background-color: rgb(138,  
207, 145) }
```

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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