

Converting Colors

`RYB(138, 195, 194)`

Have a look what the booklet for
RYB(138, 195, 194) contains.

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Color

R_YB(138, 195, 194)

Conversions

Conversions Part 1

Format	Color
Hex	8BC38A
RGB	139, 195, 138
RGB Percent	55%, 76%, 54%
CMY	0.4549, 0.2353, 0.4588
CMYK	0.29, 0.00, 0.29, 0.24
HSL	119°, 32%, 65%
HSV	119°, 29%, 76%
XYZ	34.7500, 46.3542, 31.1605
YIQ	171.7580, -15.0790, -29.5990

Conversions

Conversions Part 2

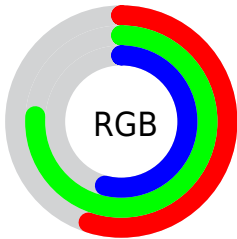
Format	Color
RYB	138, 195, 194
Decimal	9159562
CIELab	73.77, -29.43, 22.99
CIELCh	74, 37.345, 142.013
Yxy	46.3542, 0.3095, 0.4129
Android (android.graphics.Color)	4287349642 (0xFF8BC38A)
YUV	171.7580, -16.6427, -28.7288
Hunter-Lab	68.0839, -28.0404, 20.5230

Details

The RYB color **138, 195, 194** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **194, 138, 195**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **192, 252, 250**, and **87, 140, 141** is the 20% darker color. If you saturate the color by 10%, you get **118, 195, 193**, and if you desaturate by 10%, it is **158, 195, 195**.

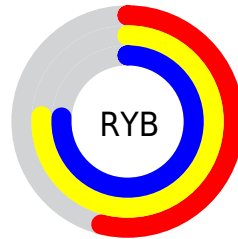
Distribution



Red (55%)

Green (76%)

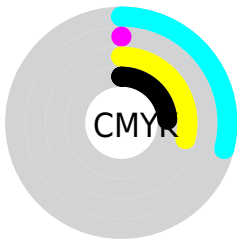
Blue (54%)



Red (54%)

Yellow (76%)

Blue (76%)

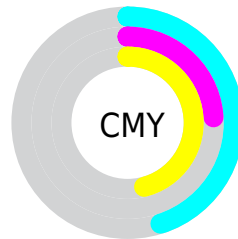


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (24%)



Cyan (45%)

Magenta (24%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 195, 194 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, 195, 194 by changing the saturation by 10% instead.

 138, 195, 194


255, 255, 255


 192, 252, 250


 220, 255, 253

 248, 255, 252

 138, 195, 194

 112, 168, 167

 87, 140, 141

 62, 113, 115

 36, 85, 90

 7, 56, 66

 0, 43, 43

 0, 22, 22


 0, 0, 0

 138, 195, 194


 138, 195, 194

 118, 195, 193


 158, 195, 195


 99, 195, 193


 177, 195, 195

 79, 195, 192


 196, 195, 196

 60, 195, 193

 216, 195, 216

 41, 195, 193

 235, 195, 235

 21, 195, 192

 254, 195, 255

 2, 195, 192

 255, 195, 255

 0, 195, 192

Harmonies

Analogous

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



117, 187, 125



138, 195, 194



96, 156, 199

Triad

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



138, 195, 194



118, 163, 249



249, 156, 157

Complementary

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



138, 195, 194



194, 138, 195

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, 156, 192



138, 195, 194



172, 176, 245

Square

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



138, 195, 194



64, 138, 234



216, 164, 224



238, 181, 129

Rectangle

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



138, 195, 194



67, 135, 200



216, 164, 224



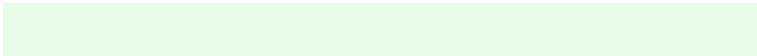
249, 155, 169

Sweetspot

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



138, 195, 194



230, 252, 252



140, 195, 138



113, 128, 127



0, 0, 0



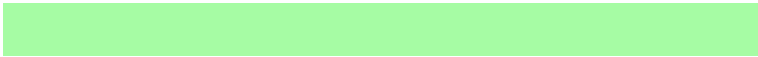
128, 128, 128

Same Dimension

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



138, 195, 194



164, 252, 250



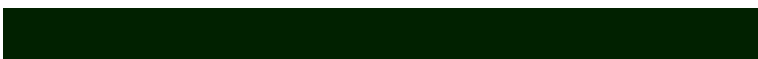
138, 177, 195



87, 97, 97



0, 161, 158



0, 33, 32

Inverse Universe

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



194, 138, 195



251, 164, 252



195, 138, 168



97, 87, 97



158, 0, 161



33, 0, 33

Previews

White Background



This preview shows how the RYB color 138, 195, 194 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, 195, 194 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, 195, 194 Background



This preview shows how black text looks on a background with the RYB color 138, 195, 194.

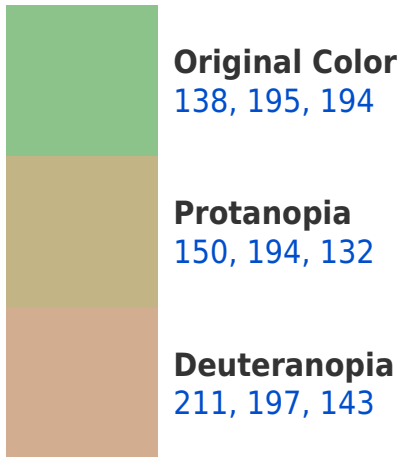


This preview shows how white text looks on a background with the RYB color 138, 195, 194.

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
150, 172, 202

Trichromacy



Original Color
138, 195, 194

Protanomaly
134, 185, 145

Deuteranomaly
145, 185, 141

Tritanomaly
146, 171, 190

Monochromacy



Original Color
138, 195, 194

Achromatopsia
172, 172, 172

Achromatomaly
160, 180, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 195, 194 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(139, 195, 138)` looks like.

```
.text, #text, p{  
    color:rgb(139, 195, 138)  
}
```

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(139, 195, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 195, 138) }
```

Border

The CSS property to change the border of an element to RYB 138, 195, 194 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(139, 195, 138) }
```

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

```
.border{ border-color:rgb(139, 195, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 195, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 195, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 195, 138); box-shadow:4px 4px 4px 4px rgb(139, 195, 138) }
```

Background

The CSS property to change the background color of an element to RYB 138, 195, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 195, 138) }
```

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

```
.background{ background-color: rgb(139,  
195, 138) }
```

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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