

# Converting Colors

RGB(138, 199, 187)

Have a look what the booklet for  
RGB(138, 199, 187) contains.

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# **Color**

**RGB(138, 199, 187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AC7BB
RGB	138, 199, 187
RGB Percent	54%, 78%, 73%
CMY	0.4588, 0.2196, 0.2667
CMYK	0.31, 0.00, 0.06, 0.22
HSL	168°, 35%, 66%
HSV	168°, 31%, 78%
XYZ	39.8743, 49.8380, 54.5318
YIQ	179.3930, -32.5040, -16.6640

# Conversions

## Conversions Part 2

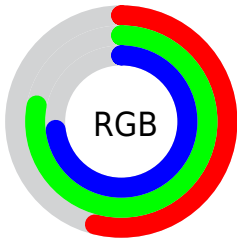
<b>Format</b>	<b>Color</b>
<b>RYB</b>	138, 172, 199
Decimal	9095099
CIELab	75.97, -22.12, -0.26
CIELCh	76, 22.121, 180.672
Yxy	49.8380, 0.2764, 0.3455
Android (android.graphics.Color)	4287285179 (0xFF8AC7BB)
YUV	179.3930, 3.7503, -36.3017
Hunter-Lab	70.5960, -22.7220, 3.6187

# Details

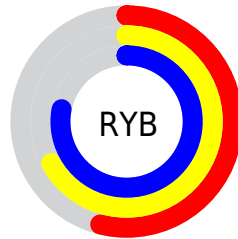
The RGB color **138, 199, 187** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **199, 138, 150**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **193, 255, 243**, and **85, 145, 134** is the 20% darker color. If you saturate the color by 10%, you get **118, 199, 183**, and if you desaturate by 10%, it is **158, 199, 191**.

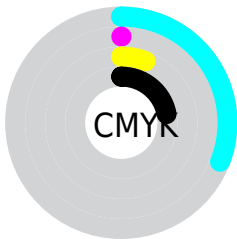
# Distribution



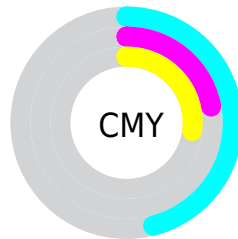
- Red (54%)
- Green (78%)
- Blue (73%)



- Red (54%)
- Yellow (67%)
- Blue (78%)



- Cyan (31%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (46%)
- Magenta (22%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 138, 199, 187 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 RGB color 138, 199, 187 by changing the saturation by 10% instead.



 138, 199, 187


255, 255, 255


 193, 255, 243


 222, 255, 255

 251, 255, 255

 138, 199, 187

 111, 172, 160

 85, 145, 134

 60, 119, 109

 33, 94, 84

 0, 70, 61

 0, 47, 40


 0, 28, 19


 0, 0, 0


 138, 199, 187


 138, 199, 187

 118, 199, 183


 158, 199, 191

 98, 199, 179


 178, 199, 195


 78, 199, 175


 198, 199, 199

 58, 199, 171

 218, 199, 203

 38, 199, 167

 238, 199, 207

 19, 199, 164

 255, 199, 210

 0, 199, 160

 255, 199, 214

 255, 199, 218

 255, 199, 222

# Harmonies

## Analogous

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



157, 197, 167



138, 199, 187



131, 198, 207

# Triad

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



138, 199, 187



191, 182, 222



220, 179, 152

# Complementary

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



138, 199, 187



199, 138, 150

# 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.



229, 174, 167



138, 199, 187



214, 176, 208

# Square

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



138, 199, 187



164, 189, 228



227, 173, 188



202, 186, 147

# Rectangle

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



138, 199, 187



135, 196, 218



227, 173, 188



224, 177, 157



# Sweetspot

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



138, 199, 187



232, 255, 250



150, 199, 138



113, 128, 125



0, 0, 0



128, 128, 128

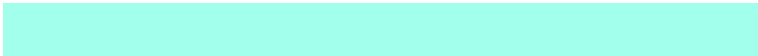


# Same Dimension

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



138, 199, 187



161, 255, 236



138, 181, 199



90, 99, 97



0, 163, 131



0, 36, 29



# Inverse Universe

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



199, 138, 150



255, 161, 179



199, 156, 138



99, 90, 91



163, 0, 32



36, 0, 7



# Previews

## White Background



This preview shows how the RGB color 138, 199, 187 looks on a white background.

## Color Contrast Check

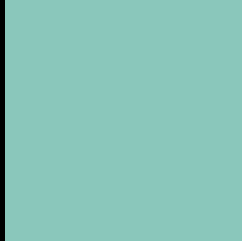
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 138, 199, 187 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

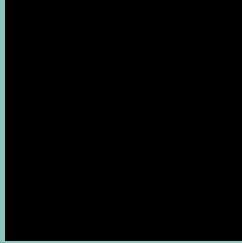
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

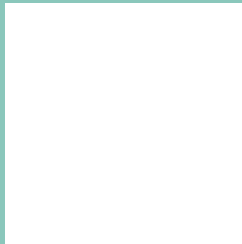
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 138, 199, 187 Background



This preview shows how black text looks on a background with the RGB color 138, 199, 187.

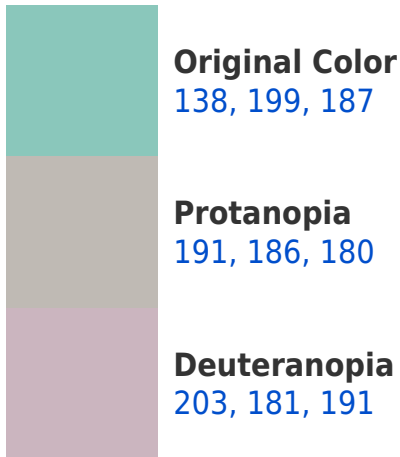


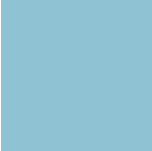
This preview shows how white text looks on a background with the RGB color 138, 199, 187.

# 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**  
143, 195, 211

# Trichromacy



**Original Color**  
138, 199, 187

**Protanomaly**  
172, 191, 183

**Deuteranomaly**  
179, 188, 190

**Tritanomaly**  
141, 196, 202

# Monochromacy



**Original Color**  
138, 199, 187

**Achromatopsia**  
179, 179, 179

**Achromatomaly**  
164, 186, 182

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 138, 199, 187 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, 199, 187)` looks like.

```
.text, #text, p{  
    color:rgb(138, 199, 187)  
}
```

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, 199, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 199, 187) }
```

## Border

The CSS property to change the border of an element to RGB 138, 199, 187 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, 199, 187) }
```

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

```
.border{ border-color:rgb(138, 199, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 199, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 199, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 199, 187);  
box-shadow:4px 4px 4px 4px rgb(138, 199,  
187) }
```

# Background

The CSS property to change the background color of an element to RGB 138, 199, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 199, 187) }
```

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

```
.background{ background-color: rgb(138,  
199, 187) }
```

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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