

Converting Colors

RGB(138, 196, 179)

Have a look what the booklet for
RGB(138, 196, 179) contains.

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Color

RGB(138, 196, 179)

Conversions

Conversions Part 1

Format	Color
Hex	8AC4B3
RGB	138, 196, 179
RGB Percent	54%, 77%, 70%
CMY	0.4588, 0.2314, 0.2980
CMYK	0.30, 0.00, 0.09, 0.23
HSL	162°, 33%, 65%
HSV	162°, 30%, 77%
XYZ	38.3578, 48.1378, 49.9177
YIQ	176.7200, -29.1110, -17.5830

Conversions

Conversions Part 2

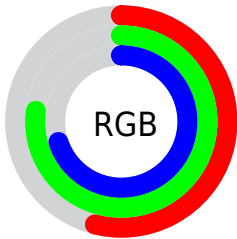
Format	Color
RYB	138, 172, 196
Decimal	9094323
CIELab	74.91, -22.37, 2.53
CIELCh	75, 22.509, 173.549
Yxy	48.1378, 0.2812, 0.3529
Android (android.graphics.Color)	4287284403 (0xFF8AC4B3)
YUV	176.7200, 1.1240, -33.9574
Hunter-Lab	69.3814, -22.7329, 5.9098

Details

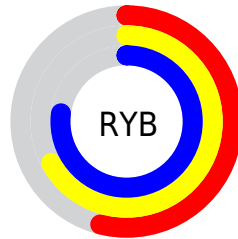
The RGB color **138, 196, 179** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **196, 138, 155**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **193, 253, 235**, and **86, 142, 126** is the 20% darker color. If you saturate the color by 10%, you get **118, 196, 173**, and if you desaturate by 10%, it is **158, 196, 185**.

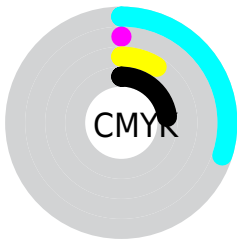
Distribution



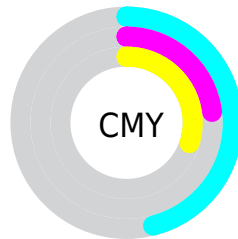
- Red (54%)
- Green (77%)
- Blue (70%)



- Red (54%)
- Yellow (67%)
- Blue (77%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)



- Cyan (46%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 196, 179 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, 196, 179 by changing the saturation by 10% instead.

 138, 196, 179


255, 255, 255


 193, 253, 235


 221, 255, 255

 250, 255, 255

 138, 196, 179

 112, 169, 152

 86, 142, 126

 60, 116, 101


 35, 91, 77

 4, 68, 55

 0, 45, 33

 0, 26, 11


 0, 0, 0


 138, 196, 179


 138, 196, 179

 118, 196, 173


 158, 196, 185

 99, 196, 168


 177, 196, 190

 79, 196, 162


 197, 196, 196

 60, 196, 156

 216, 196, 202

 40, 196, 150

 236, 196, 208

 20, 196, 145

 255, 196, 213

 1, 196, 139

 255, 196, 219

 0, 196, 139

 255, 196, 225

 255, 196, 231

Harmonies

Analogous

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



159, 193, 159



138, 196, 179



127, 196, 200

Triad

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



138, 196, 179



182, 181, 222



220, 175, 152

Complementary

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



138, 196, 179



196, 138, 155

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.



227, 170, 169



138, 196, 179



207, 174, 209

Square

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



138, 196, 179



154, 188, 225



223, 170, 190



204, 181, 144

Rectangle

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



138, 196, 179



129, 194, 212



223, 170, 190



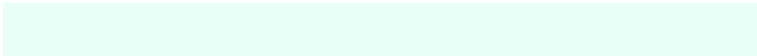
224, 173, 157

Sweetspot

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



138, 196, 179



232, 255, 248



155, 196, 138



113, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



138, 196, 179



163, 255, 228



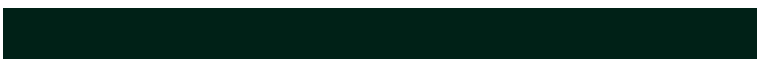
138, 184, 196



87, 97, 94



0, 161, 114



0, 33, 23

Inverse Universe

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



196, 138, 155



255, 163, 190



196, 150, 138



97, 87, 90



161, 0, 47



33, 0, 10

Previews

White Background



This preview shows how the RGB color 138, 196, 179 looks on a white background.

Color Contrast Check

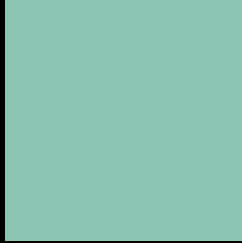
Large Text (above 18pt) WCAG AA × Fail

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, 196, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

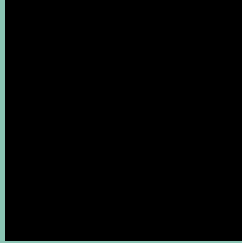
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

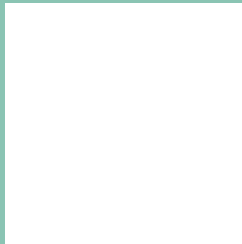
Any Text WCAG AAA ✓ Pass

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

RGB 138, 196, 179 Background



This preview shows how black text looks on a background with the RGB color 138, 196, 179.

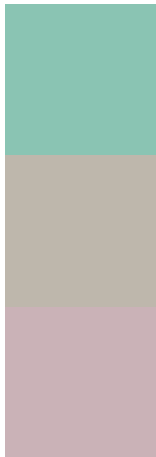


This preview shows how white text looks on a background with the RGB color 138, 196, 179.

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](#).

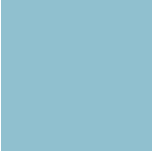
Dichromacy



Original Color
138, 196, 179

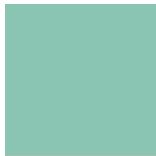
Protanopia
190, 183, 172

Deuteranopia
202, 178, 183



Tritanopia
144, 192, 207

Trichromacy



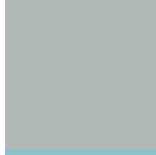
Original Color

138, 196, 179



Protanomaly

171, 188, 175



Deuteranomaly

179, 185, 182



Tritanomaly

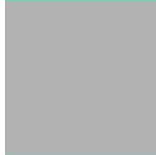
142, 193, 197

Monochromacy



Original Color

138, 196, 179



Achromatopsia

177, 177, 177



Achromatomaly

163, 184, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 196, 179 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, 196, 179)` looks like.

```
.text, #text, p{  
    color:rgb(138, 196, 179)  
}
```

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, 196, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 196, 179) }
```

Border

The CSS property to change the border of an element to RGB 138, 196, 179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

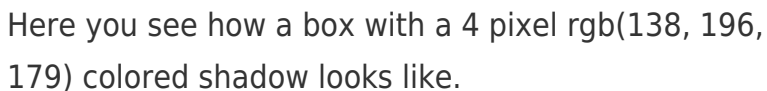
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 196, 179) }
```

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

```
.border{ border-color:rgb(138, 196, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 196, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 196, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 196, 179); box-shadow:4px 4px 4px 4px rgb(138, 196, 179) }
```

Background

The CSS property to change the background color of an element to RGB 138, 196, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 196, 179) }
```

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

```
.background{ background-color: rgb(138,  
196, 179) }
```

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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