

Converting Colors

RGB(138, 224, 216)

Have a look what the booklet for
RGB(138, 224, 216) contains.

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Color

RGB(138, 224, 216)

Conversions

Conversions Part 1

Format	Color
Hex	8AE0D8
RGB	138, 224, 216
RGB Percent	54%, 88%, 85%
CMY	0.4588, 0.1216, 0.1529
CMYK	0.38, 0.00, 0.04, 0.12
HSL	174°, 58%, 71%
HSV	174°, 38%, 88%
XYZ	49.5316, 63.6725, 74.6452
YIQ	197.3740, -48.6880, -20.7200

Conversions

Conversions Part 2

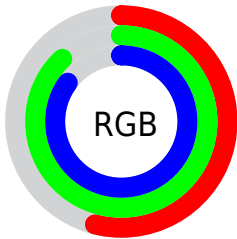
Format	Color
RYB	138, 183, 224
Decimal	9101528
CIELab	83.79, -27.79, -4.29
CIELCh	84, 28.117, 188.777
Yxy	63.6725, 0.2637, 0.3390
Android (android.graphics.Color)	4287291608 (0xFF8AE0D8)
YUV	197.3740, 9.1826, -52.0710
Hunter-Lab	79.7950, -28.8401, 0.3930

Details

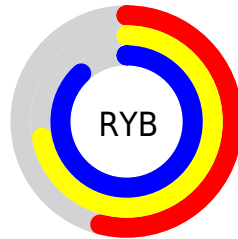
The RGB color **138, 224, 216** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **224, 138, 146**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **195, 255, 255**, and **82, 168, 161** is the 20% darker color. If you saturate the color by 10%, you get **116, 224, 214**, and if you desaturate by 10%, it is **160, 224, 218**.

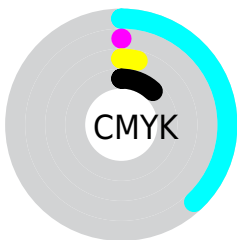
Distribution



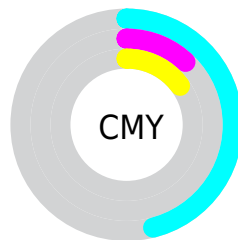
- Red (54%)
- Green (88%)
- Blue (85%)



- Red (54%)
- Yellow (72%)
- Blue (88%)



- Cyan (38%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (46%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 224, 216 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, 224, 216 by changing the saturation by 10% instead.

 138, 224, 216


255, 255, 255


 195, 255, 255


 224, 255, 255


253, 255, 255

 138, 224, 216

 110, 196, 188

 82, 168, 161

 53, 142, 135

 16, 116, 110

 0, 91, 86

 0, 67, 62

 0, 44, 41

 0, 22, 20

 0, 0, 0

 138, 224, 216

 138, 224, 216

 116, 224, 214

 160, 224, 218

 93, 224, 212

 183, 224, 220

 71, 224, 210

 205, 224, 222

 48, 224, 208

 228, 224, 224

 26, 224, 206

 250, 224, 226

 4, 224, 203

 255, 224, 229

 0, 224, 203

 255, 224, 231

 255, 224, 233

 255, 224, 235

Harmonies

Analogous

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



161, 222, 189



138, 224, 216



133, 222, 241

Triad

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



138, 224, 216



223, 199, 250



245, 201, 160

Complementary

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



138, 224, 216



224, 138, 146

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, 193, 177



138, 224, 216



250, 192, 229

Square

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



138, 224, 216



188, 209, 255



255, 190, 202



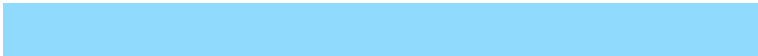
221, 210, 157

Rectangle

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



138, 224, 216



144, 219, 253



255, 190, 202



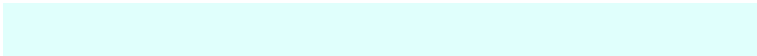
251, 198, 165

Sweetspot

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



138, 224, 216



224, 255, 252



147, 224, 138



110, 128, 126



0, 0, 0



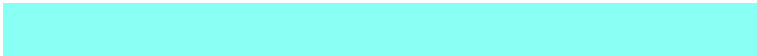
128, 128, 128

Same Dimension

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



138, 224, 216



138, 255, 244



138, 190, 224



101, 112, 111



0, 176, 160



0, 48, 44

Inverse Universe

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



224, 138, 146



255, 138, 149



224, 172, 138



112, 101, 102



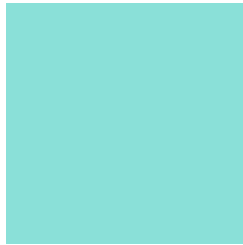
176, 0, 16



48, 0, 5

Previews

White Background



This preview shows how the RGB color 138, 224, 216 looks on a white background.

Color Contrast Check

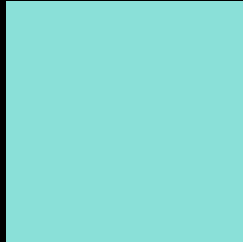
Large Text (above 18pt) WCAG AA × Fail

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, 224, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

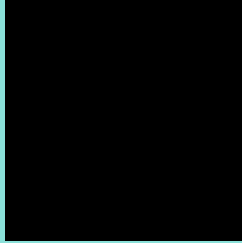
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

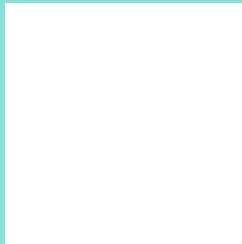
Any Text WCAG AAA ✓ Pass

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

RGB 138, 224, 216 Background



This preview shows how black text looks on a background with the RGB color 138, 224, 216.

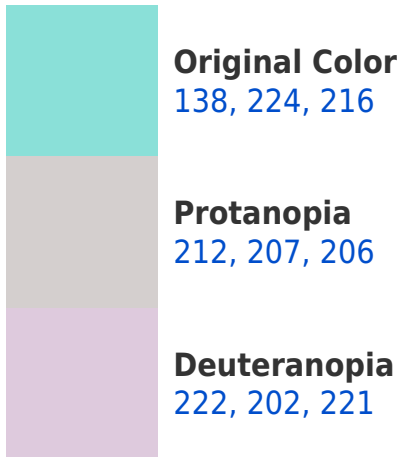


This preview shows how white text looks on a background with the RGB color 138, 224, 216.

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





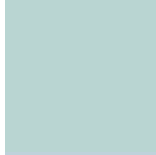
Tritanopia
144, 221, 238

Trichromacy



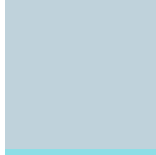
Original Color

138, 224, 216



Protanomaly

185, 213, 210



Deuteranomaly

191, 210, 219



Tritanomaly

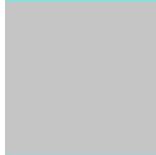
142, 222, 230

Monochromacy



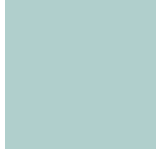
Original Color

138, 224, 216



Achromatopsia

197, 197, 197



Achromatomaly

176, 207, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 224, 216 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, 224, 216)` looks like.

```
.text, #text, p{  
    color:rgb(138, 224, 216)  
}
```

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, 224, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 224, 216) }
```

Border

The CSS property to change the border of an element to RGB 138, 224, 216 is called "border". The border property can be set on classes, ids or directly on the HTML element.

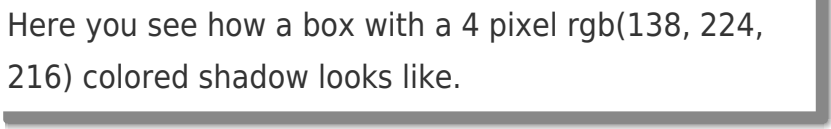
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 224, 216) }
```

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

```
.border{ border-color:rgb(138, 224, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 224, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 224, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 224, 216); box-shadow:4px 4px 4px 4px rgb(138, 224, 216) }
```

Background

The CSS property to change the background color of an element to RGB 138, 224, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 224, 216) }
```

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

```
.background{ background-color: rgb(138,  
224, 216) }
```

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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