

Converting Colors

RGB(138, 255, 208)

Have a look what the booklet for
RGB(138, 255, 208) contains.

RGB(138, 255, 208)	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

RGB(138, 255, 208)

Conversions

Conversions Part 1

Format	Color
Hex	8AFFD0
RGB	138, 255, 208
RGB Percent	54%, 100%, 82%
CMY	0.4588, 0.0000, 0.1843
CMYK	0.46, 0.00, 0.18, 0.00
HSL	156°, 100%, 77%
HSV	156°, 46%, 100%
XYZ	57.6264, 81.4773, 72.3640
YIQ	214.6590, -54.6450, -39.4210

Conversions

Conversions Part 2

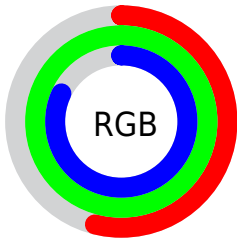
Format	Color
RYB	138, 211, 255
Decimal	9109456
CIELab	92.34, -43.81, 12.26
CIELCh	92, 45.497, 164.362
Yxy	81.4773, 0.2725, 0.3853
Android (android.graphics.Color)	4287299536 (0xFF8AFFD0)
YUV	214.6590, -3.2829, -67.2299
Hunter-Lab	90.2648, -44.0063, 15.6534

Details

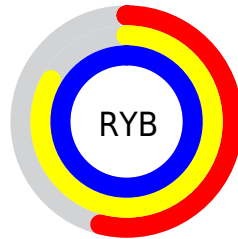
The RGB color **138, 255, 208** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 138, 185**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **197, 255, 255**, and **79, 198, 154** is the 20% darker color. If you saturate the color by 10%, you get **113, 255, 198**, and if you desaturate by 10%, it is **163, 255, 218**.

Distribution



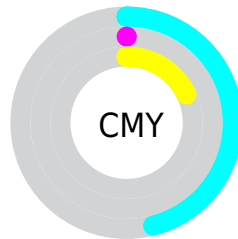
- Red (54%)
- Green (100%)
- Blue (82%)



- Red (54%)
- Yellow (83%)
- Blue (100%)



- Cyan (46%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (46%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 255, 208 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, 255, 208 by changing the saturation by 10% instead.


 138, 255, 208

 138, 255, 208


255, 255, 255

 109, 226, 180


 197, 255, 255

 79, 198, 154

 226, 255, 255

 45, 170, 128


 0, 143, 102

 0, 117, 78

 0, 91, 55

 0, 67, 34

 0, 44, 12

 0, 15, 0

 138, 255, 208

 138, 255, 208

 113, 255, 198

 163, 255, 218

 87, 255, 188

 189, 255, 228

 62, 255, 177

 215, 255, 239

 36, 255, 167

 240, 255, 249

 11, 255, 157

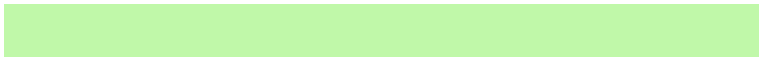
255, 255, 255

 0, 255, 153

Harmonies

Analogous

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



192, 248, 169



138, 255, 208



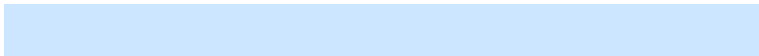
82, 255, 253

Triad

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



138, 255, 208



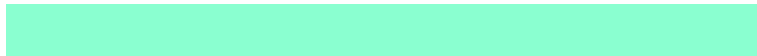
205, 230, 255



255, 208, 174

Complementary

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



138, 255, 208



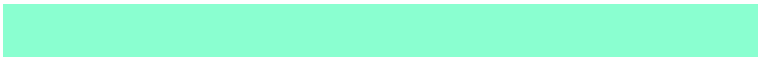
255, 138, 185

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, 200, 213



138, 255, 208



255, 214, 255

Square

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



138, 255, 208



132, 244, 255



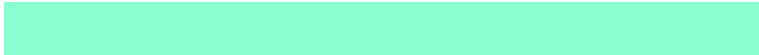
255, 202, 255



255, 222, 149

Rectangle

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



138, 255, 208



62, 255, 255



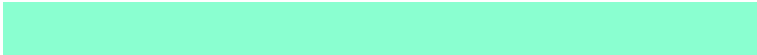
255, 202, 255



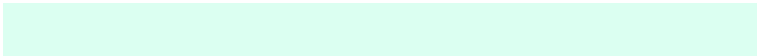
255, 204, 186

Sweetspot

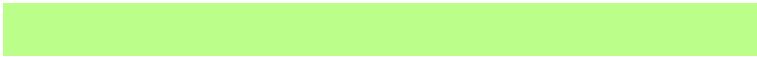
The Sweet Spot groups the original color and five complimentary colors.



138, 255, 208



219, 255, 241



187, 255, 138



106, 128, 119



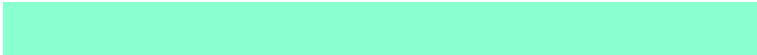
0, 0, 0



128, 128, 128

Same Dimension

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



138, 255, 208



115, 255, 199



138, 245, 255



115, 128, 122



0, 191, 114



0, 64, 38

Inverse Universe

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



255, 138, 185



255, 115, 171



255, 148, 138



128, 115, 120



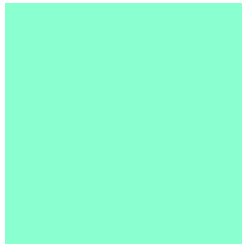
191, 0, 77



64, 0, 26

Previews

White Background



This preview shows how the RGB color 138, 255, 208 looks on a white background.

Color Contrast Check

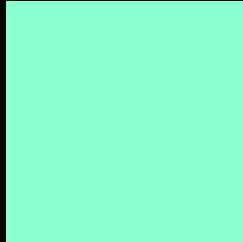
Large Text (above 18pt) WCAG AA × Fail

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, 255, 208 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, 255, 208 Background



This preview shows how black text looks on a background with the RGB color 138, 255, 208.



This preview shows how white text looks on a background with the RGB color 138, 255, 208.

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





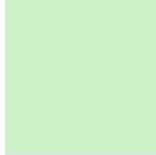
Tritanopia
186, 242, 255

Trichromacy



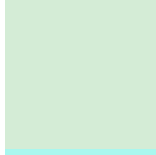
Original Color

138, 255, 208



Protanomaly

205, 240, 200



Deuteranomaly

212, 236, 214



Tritanomaly

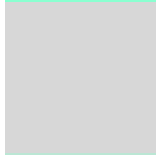
169, 247, 238

Monochromacy



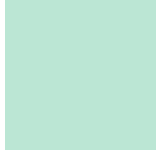
Original Color

138, 255, 208



Achromatopsia

215, 215, 215



Achromatomaly

187, 230, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 255, 208 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, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(138, 255, 208)  
}
```

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, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 255, 208) }
```

Border

The CSS property to change the border of an element to RGB 138, 255, 208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

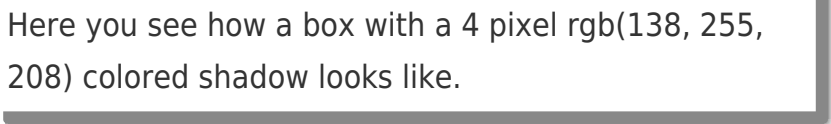
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 255, 208) }
```

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

```
.border{ border-color:rgb(138, 255, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 255, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 255, 208); box-shadow:4px 4px 4px 4px rgb(138, 255, 208) }
```

Background

The CSS property to change the background color of an element to RGB 138, 255, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 255, 208) }
```

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

```
.background{ background-color: rgb(138,  
255, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor