

Converting Colors

RGB(138, 245, 217)

Have a look what the booklet for
RGB(138, 245, 217) contains.

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Color

RGB(138, 245, 217)

Conversions

Conversions Part 1

Format	Color
Hex	8AF5D9
RGB	138, 245, 217
RGB Percent	54%, 96%, 85%
CMY	0.4588, 0.0392, 0.1490
CMYK	0.44, 0.00, 0.11, 0.04
HSL	164°, 84%, 75%
HSV	164°, 44%, 96%
XYZ	55.6580, 75.7178, 77.3272
YIQ	209.8150, -54.7840, -31.3920

Conversions

Conversions Part 2

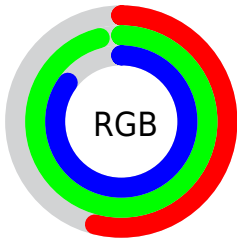
Format	Color
R _Y B	138, 200, 245
Decimal	9106905
CIE Lab	89.73, -37.41, 3.85
CIE LCh	90, 37.611, 174.122
Yxy	75.7178, 0.2667, 0.3628
Android (android.graphics.Color)	4287296985 (0xFF8AF5D9)
YUV	209.8150, 3.5422, -62.9818
Hunter-Lab	87.0160, -38.1041, 8.2229

Details

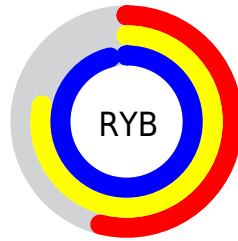
The RGB color **138, 245, 217** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **245, 138, 166**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **196, 255, 255**, and **80, 188, 162** is the 20% darker color. If you saturate the color by 10%, you get **113, 245, 211**, and if you desaturate by 10%, it is **163, 245, 223**.

Distribution



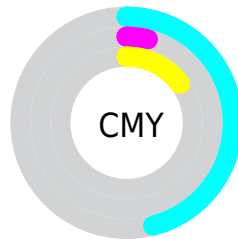
- Red (54%)
- Green (96%)
- Blue (85%)



- Red (54%)
- Yellow (78%)
- Blue (96%)



- Cyan (44%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (46%)
- Magenta (4%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 245, 217 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, 245, 217 by changing the saturation by 10% instead.

 138, 245, 217


255, 255, 255


 196, 255, 255


 226, 255, 255


 138, 245, 217


 109, 216, 189

 80, 188, 162


 48, 161, 136

 0, 134, 111

 0, 108, 86

 0, 83, 63

 0, 59, 41

 0, 38, 21

 0, 0, 0

 138, 245, 217

 138, 245, 217


 113, 245, 211

 163, 245, 223

 89, 245, 204

 187, 245, 230

 64, 245, 198

 211, 245, 236

 40, 245, 191

 236, 245, 243

 15, 245, 185

 255, 245, 249

 0, 245, 181

 255, 245, 255

Harmonies

Analogous

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



179, 241, 182



138, 245, 217



110, 245, 254

Triad

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



138, 245, 217



221, 219, 255



255, 209, 169

Complementary

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



138, 245, 217



245, 138, 166

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, 198



138, 245, 217



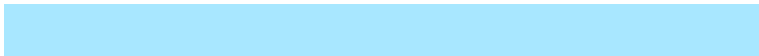
255, 207, 255

Square

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



138, 245, 217



168, 231, 255



255, 199, 234



255, 221, 154

Rectangle

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



138, 245, 217



112, 242, 255



255, 199, 234



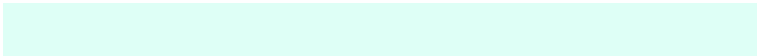
255, 205, 177

Sweetspot

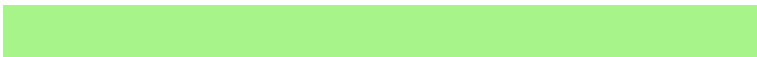
The Sweet Spot groups the original color and five complimentary colors.



138, 245, 217



222, 255, 246



167, 245, 138



107, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



138, 245, 217



122, 255, 220



138, 220, 245



110, 122, 119



0, 186, 137



0, 59, 43

Inverse Universe

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



245, 138, 166



255, 122, 157



245, 163, 138



122, 110, 113



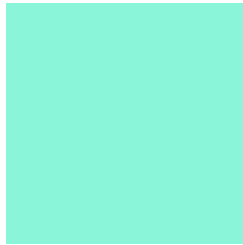
186, 0, 49



59, 0, 15

Previews

White Background



This preview shows how the RGB color 138, 245, 217 looks on a white background.

Color Contrast Check

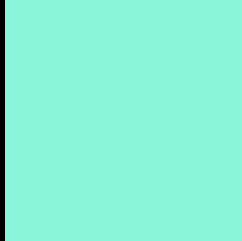
Large Text (above 18pt) WCAG AA × Fail

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, 245, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

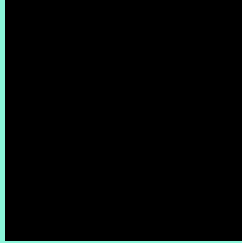
Any Text WCAG AA ✓ Pass

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, 245, 217 Background



This preview shows how black text looks on a background with the RGB color 138, 245, 217.

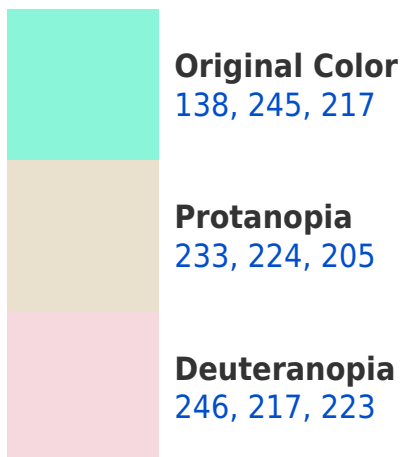


This preview shows how white text looks on a background with the RGB color 138, 245, 217.

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





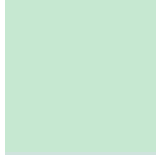
Tritanopia
159, 238, 255

Trichromacy



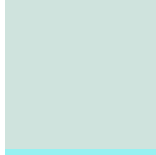
Original Color

138, 245, 217



Protanomaly

198, 232, 209



Deuteranomaly

207, 227, 221



Tritanomaly

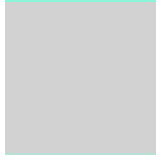
151, 241, 241

Monochromacy



Original Color

138, 245, 217



Achromatopsia

210, 210, 210



Achromatomaly

184, 223, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 245, 217 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, 245, 217)` looks like.

```
.text, #text, p{  
    color:rgb(138, 245, 217)  
}
```

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, 245, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 245, 217) }
```

Border

The CSS property to change the border of an element to RGB 138, 245, 217 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, 245, 217) }
```

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

```
.border{ border-color:rgb(138, 245, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 245, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 245, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 245, 217);  
box-shadow:4px 4px 4px 4px rgb(138, 245,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 138, 245, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 245, 217) }
```

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

```
.background{ background-color: rgb(138,  
245, 217) }
```

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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