

Converting Colors

RGB(139, 235, 208)

Have a look what the booklet for
RGB(139, 235, 208) contains.

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Color

RGB(139, 235, 208)

Conversions

Conversions Part 1

Format	Color
Hex	8BEBD0
RGB	139, 235, 208
RGB Percent	55%, 92%, 82%
CMY	0.4549, 0.0784, 0.1843
CMYK	0.41, 0.00, 0.11, 0.08
HSL	163°, 71%, 73%
HSV	163°, 41%, 92%
XYZ	51.7410, 69.4597, 70.3545
YIQ	203.2180, -48.5490, -28.7490

Conversions

Conversions Part 2

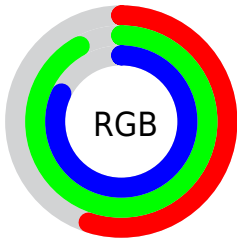
Format	Color
RYB	139, 195, 235
Decimal	9169872
CIELab	86.73, -34.55, 4.22
CIELCh	87, 34.805, 173.039
Yxy	69.4597, 0.2701, 0.3626
Android (android.graphics.Color)	4287359952 (0xFF8BEBD0)
YUV	203.2180, 2.3575, -56.3192
Hunter-Lab	83.3425, -35.0324, 8.2894

Details

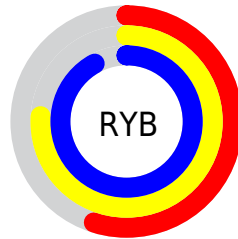
The RGB color **139, 235, 208** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **235, 139, 166**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **196, 255, 255**, and **82, 179, 154** is the 20% darker color. If you saturate the color by 10%, you get **115, 235, 201**, and if you desaturate by 10%, it is **163, 235, 215**.

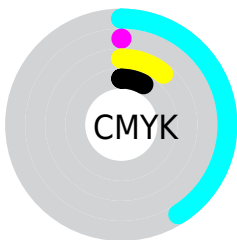
Distribution



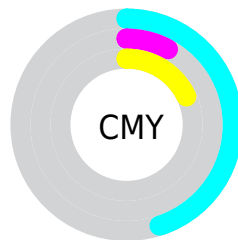
- Red (55%)
- Green (92%)
- Blue (82%)



- Red (55%)
- Yellow (76%)
- Blue (92%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)



- Cyan (45%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 139, 235, 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 139, 235, 208 by changing the saturation by 10% instead.


 139, 235, 208

 139, 235, 208


255, 255, 255


 111, 207, 180

 196, 255, 255

 82, 179, 154

 225, 255, 255


 53, 152, 128

 13, 125, 103

 0, 100, 79

 0, 75, 56

 0, 52, 35

 0, 32, 13

 0, 0, 0

 139, 235, 208

 139, 235, 208

 115, 235, 201

 163, 235, 215

 92, 235, 195

 186, 235, 221

 69, 235, 188

 210, 235, 228

 45, 235, 182

 233, 235, 234

 21, 235, 175

 255, 235, 241

 0, 235, 169

 255, 235, 248

 255, 235, 254

 255, 235, 255

Harmonies

Analogous

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



176, 231, 176



139, 235, 208



114, 235, 242

Triad

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



139, 235, 208



211, 211, 255



255, 201, 166

Complementary

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



139, 235, 208



235, 139, 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, 194, 193



139, 235, 208



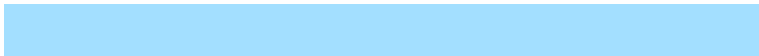
252, 200, 255

Square

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



139, 235, 208



163, 223, 255



255, 193, 226



248, 212, 152

Rectangle

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



139, 235, 208



116, 233, 255



255, 193, 226



255, 198, 174

Sweetspot

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



139, 235, 208



224, 255, 246



166, 235, 139



110, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



139, 235, 208



130, 255, 220



139, 214, 235



106, 117, 114



0, 181, 130



0, 54, 38

Inverse Universe

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



235, 139, 166



255, 130, 165



235, 160, 139



117, 106, 109



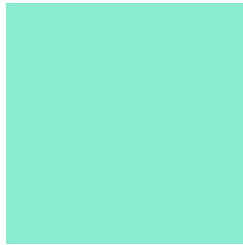
181, 0, 51



54, 0, 15

Previews

White Background



This preview shows how the RGB color 139, 235, 208 looks on a white background.

Color Contrast Check

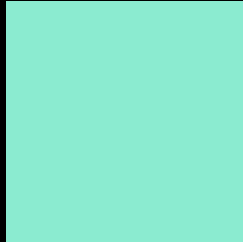
Large Text (above 18pt) WCAG AA × Fail

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 139, 235, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

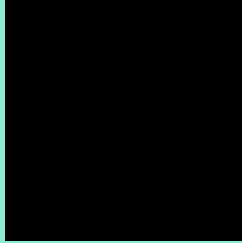
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

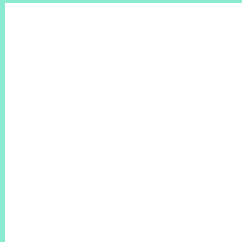
Any Text WCAG AAA ✓ Pass

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

RGB 139, 235, 208 Background



This preview shows how black text looks on a background with the RGB color 139, 235, 208.

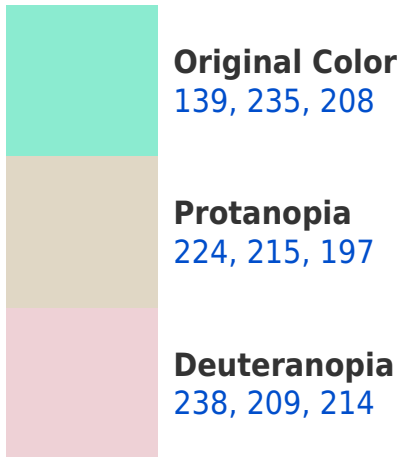


This preview shows how white text looks on a background with the RGB color 139, 235, 208.

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
149, 229, 248

Trichromacy



Original Color

139, 235, 208



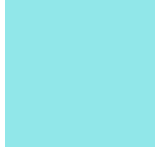
Protanomaly

193, 222, 201



Deuteranomaly

202, 218, 212



Tritanomaly

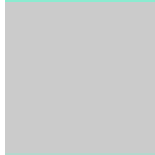
145, 231, 233

Monochromacy



Original Color

139, 235, 208



Achromatopsia

203, 203, 203



Achromatomaly

180, 215, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 235, 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(139, 235, 208)` looks like.

```
.text, #text, p{  
    color:rgb(139, 235, 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(139, 235, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 235, 208) }
```

Border

The CSS property to change the border of an element to RGB 139, 235, 208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

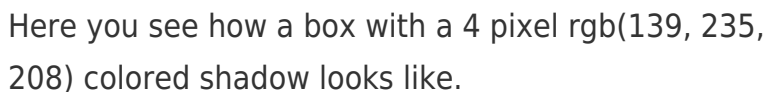
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 235, 208) }
```

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

```
.border{ border-color:rgb(139, 235, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 235, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 235, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 235, 208); box-shadow:4px 4px 4px 4px rgb(139, 235, 208) }
```

Background

The CSS property to change the background color of an element to RGB 139, 235, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 235, 208) }
```

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

```
.background{ background-color: rgb(139,  
235, 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](#).

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