

Converting Colors

RGB(136, 233, 217)

Have a look what the booklet for
RGB(136, 233, 217) contains.

RGB(136, 233, 217)	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(136, 233, 217)

Conversions

Conversions Part 1

Format	Color
Hex	88E9D9
RGB	136, 233, 217
RGB Percent	53%, 91%, 85%
CMY	0.4667, 0.0863, 0.1490
CMYK	0.42, 0.00, 0.07, 0.09
HSL	170°, 69%, 72%
HSV	170°, 42%, 91%
XYZ	51.8166, 68.5218, 76.1407
YIQ	202.1730, -52.6760, -25.5400

Conversions

Conversions Part 2

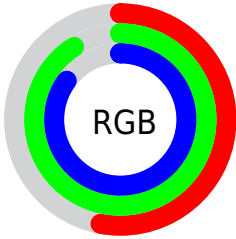
Format	Color
RYB	136, 189, 233
Decimal	8972761
CIELab	86.27, -32.35, -1.20
CIELCh	86, 32.369, 182.122
Yxy	68.5218, 0.2637, 0.3487
Android (android.graphics.Color)	4287162841 (0xFF88E9D9)
YUV	202.1730, 7.3097, -58.0337
Hunter-Lab	82.7779, -33.1254, 3.4085

Details

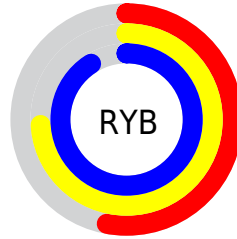
The RGB color **136, 233, 217** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **233, 136, 152**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **193, 255, 255**, and **79, 177, 162** is the 20% darker color. If you saturate the color by 10%, you get **113, 233, 213**, and if you desaturate by 10%, it is **159, 233, 221**.

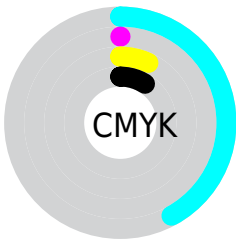
Distribution



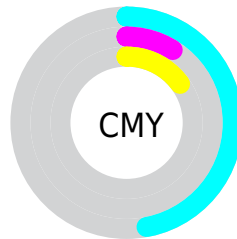
- Red (53%)
- Green (91%)
- Blue (85%)



- Red (53%)
- Yellow (74%)
- Blue (91%)



- Cyan (42%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (47%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 136, 233, 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 136, 233, 217 by changing the saturation by 10% instead.


 136, 233, 217

 136, 233, 217


255, 255, 255

 108, 205, 189

 193, 255, 255

 79, 177, 162

 223, 255, 255

 48, 150, 136


 252, 255, 255

 0, 124, 111

 0, 98, 86

 0, 74, 63

 0, 50, 41

 0, 31, 21

 0, 0, 0

 136, 233, 217

 136, 233, 217

 113, 233, 213

 159, 233, 221

 89, 233, 209

 183, 233, 225

 66, 233, 205

 206, 233, 229

 43, 233, 202

 229, 233, 232

 19, 233, 198

 253, 233, 236

 0, 233, 195

 255, 233, 240

 255, 233, 244

 255, 233, 248

 255, 233, 252

Harmonies

Analogous

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



167, 230, 186



136, 233, 217



122, 232, 247

Triad

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



136, 233, 217



223, 207, 255



255, 204, 163

Complementary

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



136, 233, 217



233, 136, 152

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, 196, 185



136, 233, 217



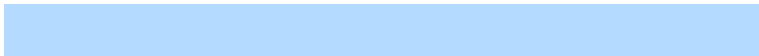
255, 198, 245

Square

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



136, 233, 217



180, 218, 255



255, 193, 215



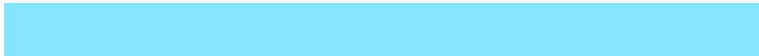
236, 215, 155

Rectangle

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



136, 233, 217



131, 229, 255



255, 193, 215



255, 201, 169

Sweetspot

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



136, 233, 217



224, 255, 250



152, 233, 136



110, 128, 125



0, 0, 0



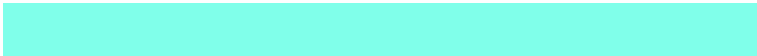
128, 128, 128

Same Dimension

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



136, 233, 217



128, 255, 234



136, 201, 233



106, 117, 115



0, 181, 151



0, 54, 45

Inverse Universe

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



233, 136, 152



255, 128, 149



233, 168, 136



117, 106, 108



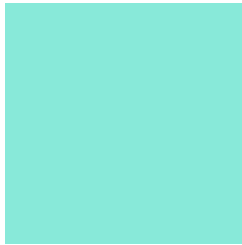
181, 0, 30



54, 0, 9

Previews

White Background



This preview shows how the RGB color 136, 233, 217 looks on a white background.

Color Contrast Check

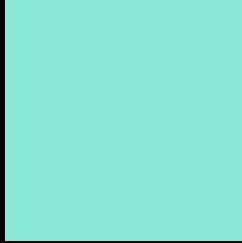
Large Text (above 18pt) WCAG AA × Fail

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 136, 233, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

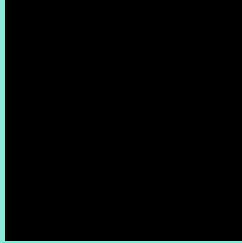
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

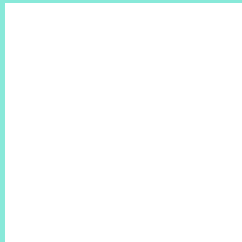
Any Text WCAG AAA ✓ Pass

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

RGB 136, 233, 217 Background



This preview shows how black text looks on a background with the RGB color 136, 233, 217.



This preview shows how white text looks on a background with the RGB color 136, 233, 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





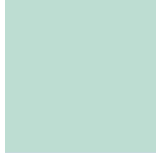
Tritanopia
144, 229, 247

Trichromacy



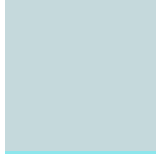
Original Color

136, 233, 217



Protanomaly

189, 221, 210



Deuteranomaly

197, 217, 220



Tritanomaly

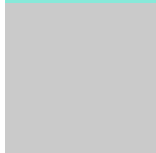
141, 230, 236

Monochromacy



Original Color

136, 233, 217



Achromatopsia

202, 202, 202



Achromatomaly

178, 213, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 233, 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(136, 233, 217)` looks like.

```
.text, #text, p{  
    color:rgb(136, 233, 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(136, 233, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 233, 217) }
```

Border

The CSS property to change the border of an element to RGB 136, 233, 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(136, 233, 217) }
```

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

```
.border{ border-color:rgb(136, 233, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 233, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 233, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 233, 217);  
box-shadow:4px 4px 4px 4px rgb(136, 233,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 136, 233, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 233, 217) }
```

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

```
.background{ background-color: rgb(136,  
233, 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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