

Converting Colors

RGB(136, 253, 236)

Have a look what the booklet for
RGB(136, 253, 236) contains.

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Color

RGB(136, 253, 236)

Conversions

Conversions Part 1

Format	Color
Hex	88FDEC
RGB	136, 253, 236
RGB Percent	53%, 99%, 93%
CMY	0.4667, 0.0078, 0.0745
CMYK	0.46, 0.00, 0.07, 0.01
HSL	171°, 97%, 76%
HSV	171°, 46%, 99%
XYZ	60.4189, 81.5409, 91.9114
YIQ	216.0790, -64.2750, -30.0910

Conversions

Conversions Part 2

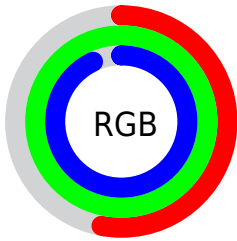
Format	Color
RYB	136, 199, 253
Decimal	8977900
CIELab	92.37, -37.21, -2.17
CIELCh	92, 37.269, 183.336
Yxy	81.5409, 0.2583, 0.3487
Android (android.graphics.Color)	4287167980 (0xFF88FDEC)
YUV	216.0790, 9.8211, -70.2293
Hunter-Lab	90.3000, -38.5923, 2.8620

Details

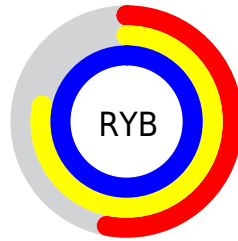
The RGB color **136, 253, 236** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **253, 136, 153**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **195, 255, 255**, and **75, 196, 180** is the 20% darker color. If you saturate the color by 10%, you get **111, 253, 232**, and if you desaturate by 10%, it is **161, 253, 240**.

Distribution



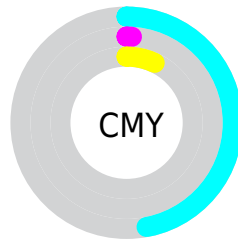
- Red (53%)
- Green (99%)
- Blue (93%)



- Red (53%)
- Yellow (78%)
- Blue (99%)



- Cyan (46%)
- Magenta (0%)
- Yellow (7%)
- Black (1%)



- Cyan (47%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 136, 253, 236 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, 253, 236 by changing the saturation by 10% instead.


 136, 253, 236

 136, 253, 236


255, 255, 255

 106, 224, 208


 195, 255, 255


 75, 196, 180

 225, 255, 255

 38, 168, 154


 0, 141, 128

 0, 115, 103

 0, 90, 79

 0, 66, 56

 0, 43, 35

 0, 16, 13

■ 136, 253, 236

■ 136, 253, 236

■ 111, 253, 232

■ 161, 253, 240

■ 85, 253, 229

■ 187, 253, 243

■ 60, 253, 225

■ 212, 253, 247

■ 35, 253, 221

■ 237, 253, 251

■ 9, 253, 218

■ 255, 253, 254

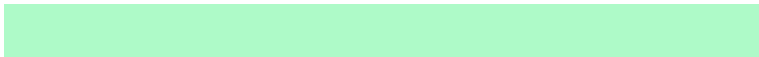
■ 0, 253, 216

■ 255, 253, 255

Harmonies

Analogous

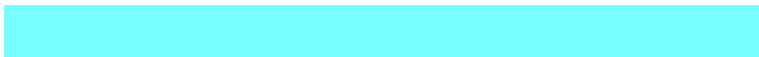
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174, 250, 200



136, 253, 236



119, 252, 255

Triad

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



136, 253, 236



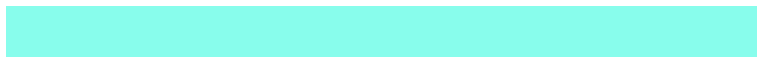
243, 222, 255



255, 220, 170

Complementary

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



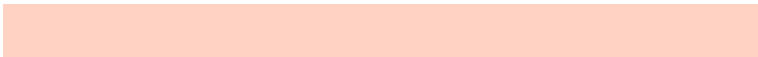
136, 253, 236



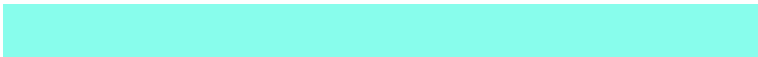
253, 136, 153

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, 210, 195



136, 253, 236



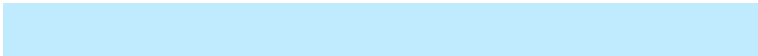
255, 211, 255

Square

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



136, 253, 236



192, 235, 255



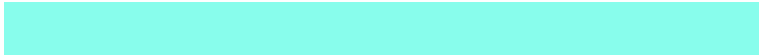
255, 206, 230



255, 232, 161

Rectangle

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



136, 253, 236



130, 248, 255



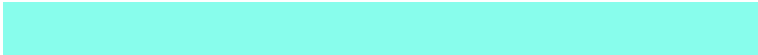
255, 206, 230



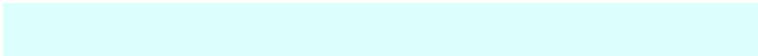
255, 216, 177

Sweetspot

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



136, 253, 236



219, 255, 250



154, 253, 136



106, 128, 124



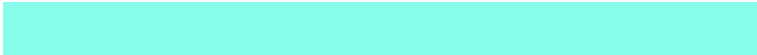
0, 0, 0



128, 128, 128

Same Dimension

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



136, 253, 236



115, 255, 235



136, 212, 253



115, 128, 126



0, 191, 163



0, 64, 54

Inverse Universe

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



253, 136, 153



255, 115, 135



253, 177, 136



128, 115, 117



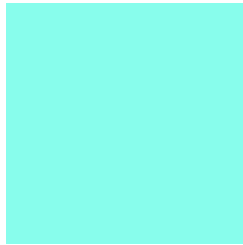
191, 0, 28



64, 0, 9

Previews

White Background



This preview shows how the RGB color 136, 253, 236 looks on a white background.

Color Contrast Check

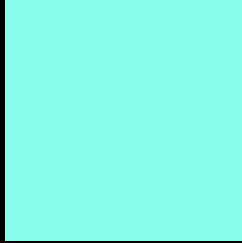
Large Text (above 18pt) WCAG AA × Fail

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, 253, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

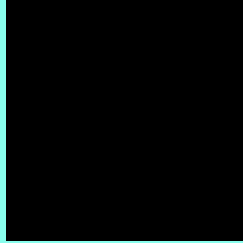
Any Text WCAG AA ✓ Pass

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, 253, 236 Background



This preview shows how black text looks on a background with the RGB color 136, 253, 236.

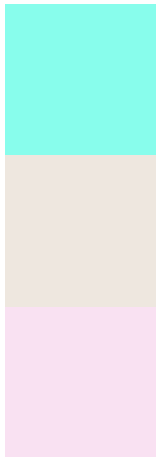


This preview shows how white text looks on a background with the RGB color 136, 253, 236.

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



Original Color
136, 253, 236

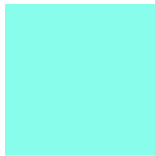
Protanopia
238, 231, 223

Deuteranopia
249, 225, 242



Tritanopia
184, 242, 255

Trichromacy



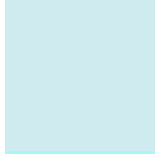
Original Color

136, 253, 236



Protanomaly

201, 239, 228



Deuteranomaly

208, 235, 240



Tritanomaly

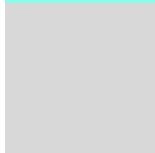
167, 246, 248

Monochromacy



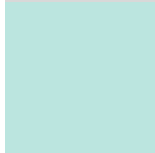
Original Color

136, 253, 236



Achromatopsia

216, 216, 216



Achromatomaly

187, 229, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 253, 236 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, 253, 236)` looks like.

```
.text, #text, p{  
    color:rgb(136, 253, 236)  
}
```

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, 253, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 253, 236) }
```

Border

The CSS property to change the border of an element to RGB 136, 253, 236 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, 253, 236) }
```

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

```
.border{ border-color:rgb(136, 253, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 253, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 253, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 253, 236);  
box-shadow:4px 4px 4px 4px rgb(136, 253,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 136, 253, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 253, 236) }
```

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

```
.background{ background-color: rgb(136,  
253, 236) }
```

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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