

Converting Colors

RGB(136, 244, 222)

Have a look what the booklet for
RGB(136, 244, 222) contains.

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Color

RGB(136, 244, 222)

Conversions

Conversions Part 1

Format	Color
Hex	88F4DE
RGB	136, 244, 222
RGB Percent	53%, 96%, 87%
CMY	0.4667, 0.0431, 0.1294
CMYK	0.44, 0.00, 0.09, 0.04
HSL	168°, 83%, 75%
HSV	168°, 44%, 96%
XYZ	55.6888, 75.2095, 80.6890
YIQ	209.2000, -57.3060, -29.7380

Conversions

Conversions Part 2

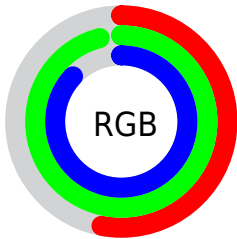
Format	Color
R _Y B	136, 196, 244
Decimal	8975582
CIE Lab	89.49, -36.31, 0.89
CIE LCh	89, 36.325, 178.590
Yxy	75.2095, 0.2632, 0.3555
Android (android.graphics.Color)	4287165662 (0xFF88F4DE)
YUV	209.2000, 6.3104, -64.1964
Hunter-Lab	86.7234, -37.1435, 5.5419

Details

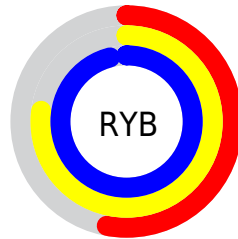
The RGB color **136, 244, 222** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **244, 136, 158**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **194, 255, 255**, and **77, 187, 167** is the 20% darker color. If you saturate the color by 10%, you get **112, 244, 217**, and if you desaturate by 10%, it is **160, 244, 227**.

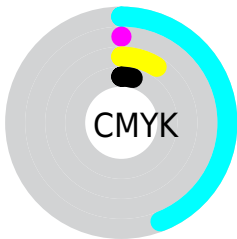
Distribution



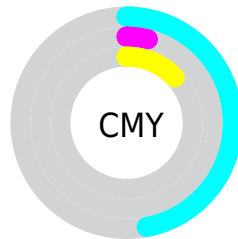
- Red (53%)
- Green (96%)
- Blue (87%)



- Red (53%)
- Yellow (77%)
- Blue (96%)



- Cyan (44%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (47%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 136, 244, 222 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, 244, 222 by changing the saturation by 10% instead.

 136, 244, 222

255, 255, 255


 194, 255, 255


 224, 255, 255

254, 255, 255


 136, 244, 222

 107, 215, 194

 77, 187, 167

 44, 160, 141

 0, 133, 115

 0, 108, 91

 0, 83, 67

 0, 59, 45

 0, 38, 24

 0, 0, 0

 136, 244, 222

 136, 244, 222

 112, 244, 217

 160, 244, 227

 87, 244, 212

 185, 244, 232

 63, 244, 207

 209, 244, 237

 38, 244, 202

 234, 244, 242

 14, 244, 197

 255, 244, 247

 0, 244, 194

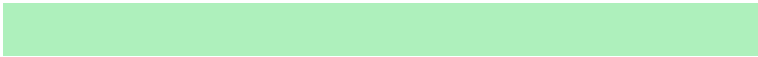
 255, 244, 252

 255, 244, 255

Harmonies

Analogous

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



174, 240, 188



136, 244, 222



114, 243, 255

Triad

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



136, 244, 222



228, 217, 255



255, 210, 167

Complementary

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



136, 244, 222



244, 136, 158

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, 201, 193



136, 244, 222



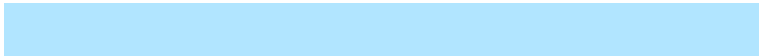
255, 205, 255

Square

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



136, 244, 222



177, 229, 255



255, 199, 228



251, 222, 156

Rectangle

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



136, 244, 222



121, 240, 255



255, 199, 228



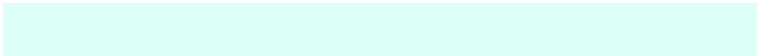
255, 207, 174

Sweetspot

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



136, 244, 222



222, 255, 248



159, 244, 136



107, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



136, 244, 222



120, 255, 227



136, 213, 244



110, 122, 120



0, 186, 148



0, 59, 47

Inverse Universe

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



244, 136, 158



255, 120, 147



244, 167, 136



122, 110, 113



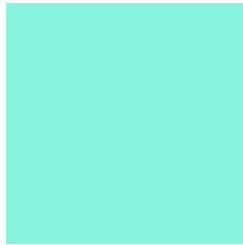
186, 0, 38



59, 0, 12

Previews

White Background



This preview shows how the RGB color 136, 244, 222 looks on a white background.

Color Contrast Check

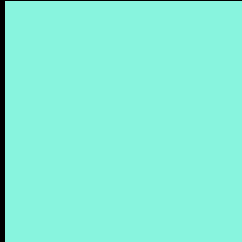
Large Text (above 18pt) WCAG AA × Fail

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, 244, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

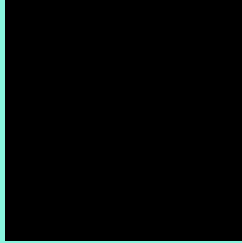
Any Text WCAG AA ✓ Pass

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, 244, 222 Background



This preview shows how black text looks on a background with the RGB color 136, 244, 222.



This preview shows how white text looks on a background with the RGB color 136, 244, 222.

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





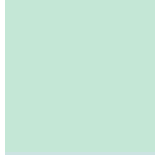
Tritanopia
155, 237, 255

Trichromacy



Original Color

136, 244, 222



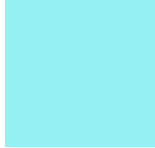
Protanomaly

196, 231, 214



Deuteranomaly

204, 227, 226



Tritanomaly

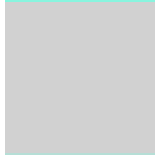
148, 240, 243

Monochromacy



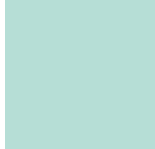
Original Color

136, 244, 222



Achromatopsia

209, 209, 209



Achromatomaly

182, 222, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 244, 222 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, 244, 222)` looks like.

```
.text, #text, p{  
    color:rgb(136, 244, 222)  
}
```

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, 244, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 244, 222) }
```

Border

The CSS property to change the border of an element to RGB 136, 244, 222 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, 244, 222) }
```

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

```
.border{ border-color:rgb(136, 244, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 244, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 244, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 244, 222); box-shadow:4px 4px 4px 4px rgb(136, 244, 222) }
```

Background

The CSS property to change the background color of an element to RGB 136, 244, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 244, 222) }
```

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

```
.background{ background-color: rgb(136,  
244, 222) }
```

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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