

Converting Colors

RGB(134, 249, 241)

Have a look what the booklet for
RGB(134, 249, 241) contains.

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Color

RGB(134, 249, 241)

Conversions

Conversions Part 1

Format	Color
Hex	86F9F1
RGB	134, 249, 241
RGB Percent	53%, 98%, 95%
CMY	0.4745, 0.0235, 0.0549
CMYK	0.46, 0.00, 0.03, 0.02
HSL	176°, 91%, 75%
HSV	176°, 46%, 98%
XYZ	59.5844, 79.1706, 95.3601
YIQ	213.7030, -65.9720, -26.8680

Conversions

Conversions Part 2

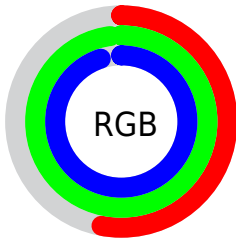
Format	Color
RYB	134, 194, 249
Decimal	8845809
CIELab	91.31, -34.62, -6.33
CIELCh	91, 35.198, 190.364
Yxy	79.1706, 0.2545, 0.3382
Android (android.graphics.Color)	4287035889 (0xFF86F9F1)
YUV	213.7030, 13.4574, -69.8995
Hunter-Lab	88.9778, -36.1780, -1.2583

Details

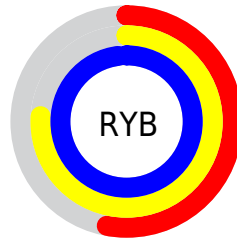
The RGB color **134, 249, 241** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **249, 134, 142**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **193, 255, 255**, and **73, 192, 185** is the 20% darker color. If you saturate the color by 10%, you get **109, 249, 239**, and if you desaturate by 10%, it is **159, 249, 243**.

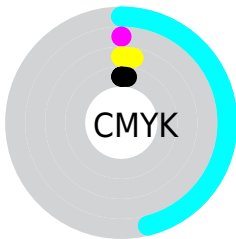
Distribution



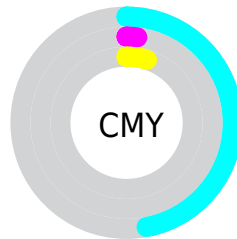
- Red (53%)
- Green (98%)
- Blue (95%)



- Red (53%)
- Yellow (76%)
- Blue (98%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (47%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 249, 241 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 134, 249, 241 by changing the saturation by 10% instead.


 134, 249, 241

 134, 249, 241


255, 255, 255

 104, 220, 213

 193, 255, 255


 73, 192, 185


 223, 255, 255

 34, 165, 158

253, 255, 255


 0, 138, 132

 0, 112, 107

 0, 87, 83

 0, 63, 60

 0, 41, 38

 0, 10, 18

 134, 249, 241

 134, 249, 241

 109, 249, 239


 159, 249, 243

 84, 249, 238

 184, 249, 244

 59, 249, 236

 209, 249, 246

 34, 249, 234

 234, 249, 248

 10, 249, 232

 255, 249, 250

 0, 249, 232

 255, 249, 251

 255, 249, 253

 255, 249, 255

 255, 249, 255

Harmonies

Analogous

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



166, 247, 206



134, 249, 241



127, 247, 255

Triad

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



134, 249, 241



250, 217, 255



255, 220, 167

Complementary

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



134, 249, 241



249, 134, 142

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, 188



134, 249, 241



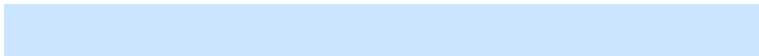
255, 208, 254

Square

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



134, 249, 241



204, 229, 255



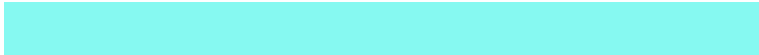
255, 205, 219



242, 232, 163

Rectangle

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



134, 249, 241



143, 242, 255



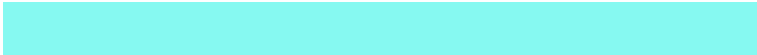
255, 205, 219



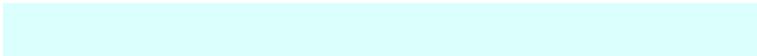
255, 217, 172

Sweetspot

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



134, 249, 241



219, 255, 253



144, 249, 134



106, 128, 126



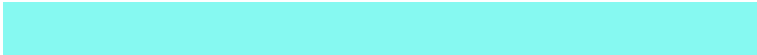
0, 0, 0



128, 128, 128

Same Dimension

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



134, 249, 241



115, 255, 245



134, 201, 249



112, 125, 124



0, 189, 176



0, 61, 57

Inverse Universe

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



249, 134, 142



255, 115, 125



249, 182, 134



125, 112, 113



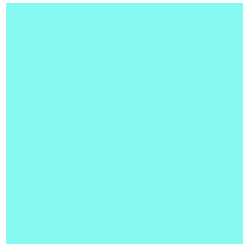
189, 0, 13



61, 0, 4

Previews

White Background



This preview shows how the RGB color 134, 249, 241 looks on a white background.

Color Contrast Check

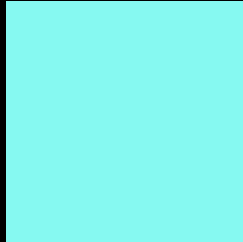
Large Text (above 18pt) WCAG AA × Fail

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 134, 249, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

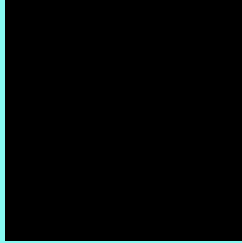
Any Text WCAG AA ✓ Pass

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 134, 249, 241 Background



This preview shows how black text looks on a background with the RGB color 134, 249, 241.



This preview shows how white text looks on a background with the RGB color 134, 249, 241.

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
173, 241, 255

Trichromacy



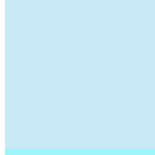
Original Color

134, 249, 241



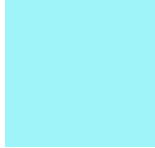
Protanomaly

197, 236, 233



Deuteranomaly

203, 232, 245



Tritanomaly

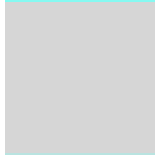
159, 244, 250

Monochromacy



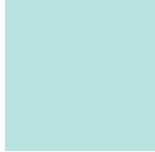
Original Color

134, 249, 241



Achromatopsia

214, 214, 214



Achromatomaly

185, 227, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 249, 241 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(134, 249, 241)` looks like.

```
.text, #text, p{  
    color:rgb(134, 249, 241)  
}
```

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(134, 249, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 249, 241) }
```

Border

The CSS property to change the border of an element to RGB 134, 249, 241 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(134, 249, 241) }
```

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

```
.border{ border-color:rgb(134, 249, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 249, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 249, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 249, 241);  
box-shadow:4px 4px 4px 4px rgb(134, 249,  
241) }
```

Background

The CSS property to change the background color of an element to RGB 134, 249, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 249, 241) }
```

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

```
.background{ background-color: rgb(134,  
249, 241) }
```

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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