Converting Colors

RGB(134, 255, 222)

Have a look what the booklet for RGB(134, 255, 222) contains.

Color

RGB(134, 255, 222)

Conversions

Conversions Part 1

Format	Color
Hex	86FFDE
RGB	134, 255, 222
RGB Percent	53%, 100%, 87%
CMY	0.4745, 0.0000, 0.1294
CMYK	0.47, 0.00, 0.13, 0.00
HSL	164°, 100%, 76%
HSV	164°, 47%, 100%
XYZ	58.7763, 81.8623, 81.8104
YIQ	215.0590, -61.5230, -35.9150

Conversions

Conversions Part 2

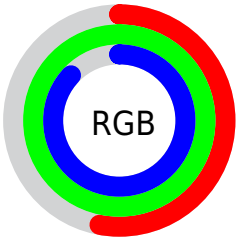
Format	Color
RYB	134, 204, 255
Decimal	8847326
CIELab	92.51, -41.75, 5.27
CIELCh	93, 42.082, 172.804
Yxy	81.8623, 0.2642, 0.3680
Android (android.graphics.Color)	4287037406 (0xFF86FFDE)
YUV	215.0590, 3.4219, -71.0887
Hunter-Lab	90.4778, -42.3786, 9.7242

Details

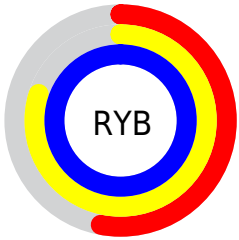
The RGB color 134, 255, 222 is a light color, and the websafe version is hex 99FFCC. A complement of this color would be 255, 134, 167, and the grayscale version is 215, 215, 215.

A 20% lighter version of the original color is 193, 255, 255, and 73, 198, 167 is the 20% darker color. If you saturate the color by 10%, you get 109, 255, 215, and if you desaturate by 10%, it is 160, 255, 229.

Distribution

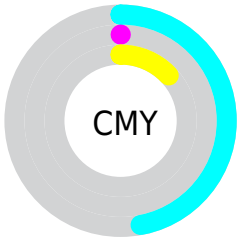


- Red (53%)
- Green (100%)
- Blue (87%)



- Red (53%)
- Yellow (80%)
- Blue (100%)

- Cyan (47%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 255, 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 134, 255, 222 by changing the saturation by 10% instead.

134, 255, 222

255, 255, 255

193, 255, 255

223, 255, 255

253, 255, 255

134, 255, 222

104, 226, 194

73, 198, 167

36, 170, 141

0, 143, 115

0, 117, 91

0, 91, 67

0, 67, 45

0, 44, 24

0, 16, 0

134, 255, 222	134, 255, 222
109, 255, 215	160, 255, 229
83, 255, 208	185, 255, 236
58, 255, 201	211, 255, 243
32, 255, 194	236, 255, 250
7, 255, 187	255, 255, 255
0, 255, 185	

Harmonies

Analogous

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

183, 250, 183

134, 255, 222

95, 255, 255

Triad

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

134, 255, 222

225, 227, 255

255, 214, 171

Complementary

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

134, 255, 222

255, 134, 167

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, 204, 204

134, 255, 222

255, 213, 255

Square

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

134, 255, 222

163, 240, 255

255, 204, 245

255, 228, 153

Rectangle

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

134, 255, 222

95, 253, 255

255, 204, 245

255, 210, 180

Sweetspot

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

134, 255, 222

219, 255, 245

168, 255, 134

106, 128, 122

0, 0, 0

128, 128, 128

Same Dimension

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

134, 255, 222

110, 255, 215

134, 229, 255

115, 128, 124

0, 191, 139

0, 64, 46

Inverse Universe

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

255, 134, 167

255, 110, 149

255, 160, 134

128, 115, 118

191, 0, 52

64, 0, 17

Previews

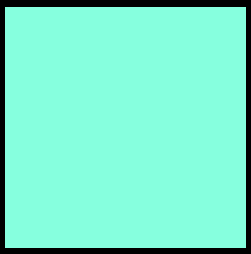
White Background

This preview shows how the RGB color 134, 255, 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



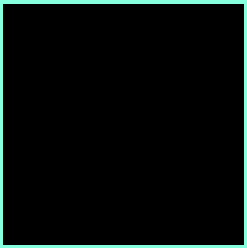
This preview shows how the RGB color 134, 255, 222 looks on a black background.

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 134, 255, 222 Background



This preview shows how black text looks on a background with the RGB color 134, 255, 222.

This preview shows how white text looks on a background with the RGB color 134, 255, 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

Original Color
134, 255, 222

Protanopia
241, 231, 209

Deuteranopia
255, 225, 229

Tritanopia
186, 242, 255

Trichromacy

Original Color
134, 255, 222

Protanomaly
202, 240, 214

Deuteranomaly
211, 236, 226

Tritanomaly
167, 247, 243

Monochromacy

Original Color
134, 255, 222

Achromatopsia
215, 215, 215

Achromatomaly
186, 230, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 255, 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(134, 255, 222) looks like.

```
.text, #text, p{
    color:rgb(134, 255, 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(134, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 255, 222) }
```

Border

The CSS property to change the border of an element to RGB 134, 255, 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(134, 255, 222) }
```

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

```
.border{ border-color:rgb(134, 255, 222) }
```

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

Here you see how a box with a 4 pixel rgb(134, 255, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 255, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 255, 222); box-shadow:4px 4px 4px 4px rgb(134, 255, 222) }
```

Background

The CSS property to change the background color of an element to RGB 134, 255, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(134, 255, 222) }
```

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

```
.background{ background-color:rgb(134,
255, 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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