

Converting Colors

`RYB(134, 251, 159)`

Have a look what the booklet for
RYB(134, 251, 159) contains.

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Color

R_YB(134, 251, 159)

Conversions

Conversions Part 1

Format	Color
Hex	E2FB86
RGB	226, 251, 134
RGB Percent	89%, 98%, 53%
CMY	0.1137, 0.0157, 0.4745
CMYK	0.10, 0.00, 0.47, 0.02
HSL	73°, 94%, 75%
HSV	73°, 47%, 98%
XYZ	70.1643, 86.8843, 35.6266
YIQ	230.1870, 22.6570, -41.6870

Conversions

Conversions Part 2

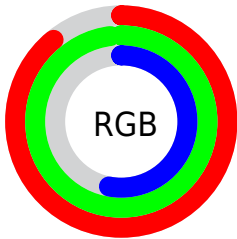
Format	Color
RYB	134, 251, 159
Decimal	14875526
CIELab	94.69, -25.22, 53.03
CIElCh	95, 58.720, 115.438
Yxy	86.8843, 0.3642, 0.4509
Android (android.graphics.Color)	4293065606 (0xFFE2FB86)
YUV	230.1870, -47.4202, -3.6720
Hunter-Lab	93.2118, -28.7564, 42.5870

Details

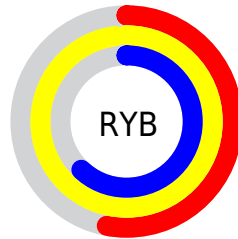
The RYB color **134, 251, 159** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **159, 134, 251**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **189, 255, 189**, and **81, 194, 106** is the 20% darker color. If you saturate the color by 10%, you get **109, 251, 139**, and if you desaturate by 10%, it is **159, 251, 179**.

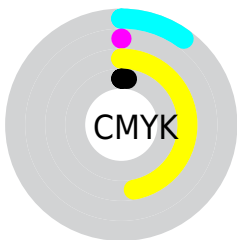
Distribution



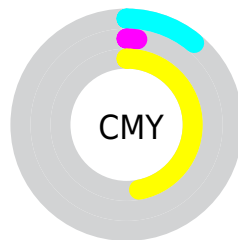
- Red (89%)
- Green (98%)
- Blue (53%)



- Red (53%)
- Yellow (98%)
- Blue (62%)



- Cyan (10%)
- Magenta (0%)
- Yellow (47%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 251, 159 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 RYB color 134, 251, 159 by changing the saturation by 10% instead.

 134, 251, 159

255, 255, 255


 189, 255, 189


 218, 255, 218

 247, 255, 247


 134, 251, 159

 107, 222, 132

 81, 194, 106

 54, 167, 80

 26, 141, 53

 0, 115, 28

 0, 91, 30

 0, 67, 32

 0, 44, 38

 0, 25, 25

■ 134, 251, 159

■ 134, 251, 159

■ 109, 251, 139

■ 159, 251, 179

■ 84, 251, 120

■ 184, 251, 198

■ 59, 251, 100

■ 209, 251, 218

■ 34, 251, 80

■ 234, 251, 238

■ 8, 251, 60

■ 253, 251, 255

■ 0, 251, 54

■ 255, 251, 255

Harmonies

Analogous

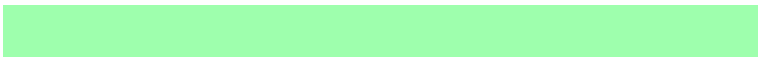
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



150, 255, 125



134, 251, 159



158, 242, 255

Triad

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



134, 251, 159



0, 128, 255



255, 194, 251

Complementary

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



134, 251, 159



159, 134, 251

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, 207, 255



134, 251, 159



126, 189, 255

Square

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



134, 251, 159



0, 128, 255



232, 228, 255



255, 197, 194

Rectangle

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



134, 251, 159



98, 190, 255



232, 228, 255



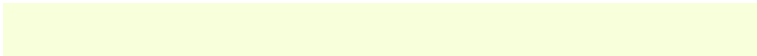
255, 197, 255

Sweetspot

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



134, 251, 159



219, 255, 227



251, 163, 134



106, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



134, 251, 159



112, 255, 143



134, 251, 216



112, 125, 115



0, 189, 41



0, 61, 13

Inverse Universe

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



159, 134, 251



143, 112, 255



216, 134, 251



115, 112, 125



40, 0, 189



13, 0, 61

Previews

White Background



This preview shows how the RYB color 134, 251, 159 looks on a white background.

Color Contrast Check

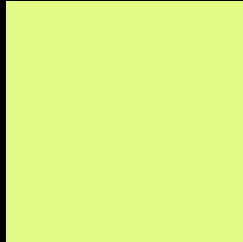
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 134, 251, 159 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](#).

RYB 134, 251, 159 Background



This preview shows how black text looks on a background with the RYB color 134, 251, 159.

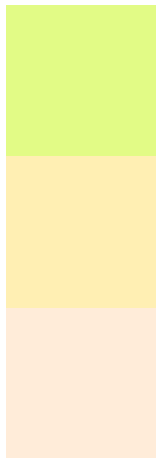


This preview shows how white text looks on a background with the RYB color 134, 251, 159.

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, 251, 159

Protanopia
199, 255, 179

Deuteranopia
255, 255, 217



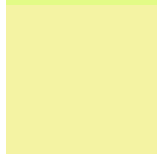
Tritanopia
241, 237, 255

Trichromacy



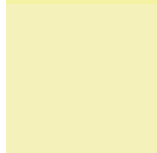
Original Color

134, 251, 159



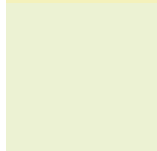
Protanomaly

164, 244, 163



Deuteranomaly

190, 244, 187



Tritanomaly

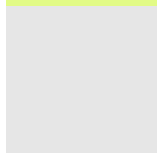
211, 242, 217

Monochromacy



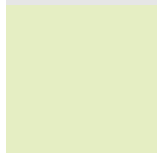
Original Color

134, 251, 159



Achromatopsia

230, 230, 230



Achromatomaly

195, 238, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 251, 159 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(226, 251, 134)` looks like.

```
.text, #text, p{  
    color:rgb(226, 251, 134)  
}
```

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(226, 251, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 251, 134) }
```

Border

The CSS property to change the border of an element to RYB 134, 251, 159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

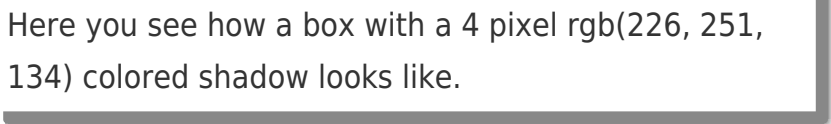
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 251, 134) }
```

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

```
.border{ border-color:rgb(226, 251, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 251, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 251, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 251, 134); box-shadow:4px 4px 4px 4px rgb(226, 251, 134) }
```

Background

The CSS property to change the background color of an element to RYB 134, 251, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 251, 134) }
```

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

```
.background{ background-color: rgb(226,  
251, 134) }
```

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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