

Converting Colors

RGB(134, 244, 174)

Have a look what the booklet for
RGB(134, 244, 174) contains.

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Color

RGB(134, 244, 174)

Conversions

Conversions Part 1

Format	Color
Hex	86F4AE
RGB	134, 244, 174
RGB Percent	53%, 96%, 68%
CMY	0.4745, 0.0431, 0.3176
CMYK	0.45, 0.00, 0.29, 0.04
HSL	142°, 83%, 74%
HSV	142°, 45%, 96%
XYZ	49.8222, 72.8257, 51.4753
YIQ	203.1300, -43.0900, -45.0900

Conversions

Conversions Part 2

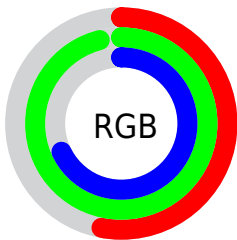
Format	Color
RYB	134, 215, 244
Decimal	8844462
CIELab	88.36, -46.70, 24.14
CIELCh	88, 52.567, 152.668
Yxy	72.8257, 0.2861, 0.4182
Android (android.graphics.Color)	4287034542 (0xFF86F4AE)
YUV	203.1300, -14.3611, -60.6270
Hunter-Lab	85.3380, -45.1292, 23.9733

Details

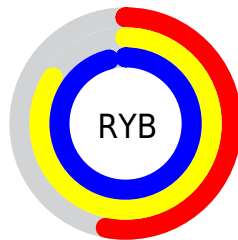
The RGB color **134, 244, 174** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **244, 134, 204**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **192, 255, 230**, and **76, 187, 121** is the 20% darker color. If you saturate the color by 10%, you get **110, 244, 158**, and if you desaturate by 10%, it is **158, 244, 190**.

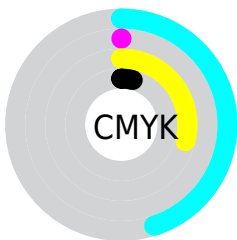
Distribution



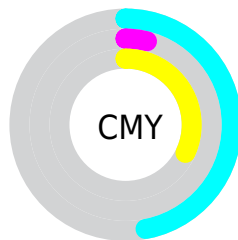
- Red (53%)
- Green (96%)
- Blue (68%)



- Red (53%)
- Yellow (84%)
- Blue (96%)



- Cyan (45%)
- Magenta (0%)
- Yellow (29%)
- Black (4%)



- Cyan (47%)
- Magenta (4%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 244, 174 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, 244, 174 by changing the saturation by 10% instead.

 134, 244, 174

255, 255, 255


 192, 255, 230

 221, 255, 255


 251, 255, 255

 134, 244, 174


 105, 215, 147

 76, 187, 121

 43, 160, 96

 0, 133, 72

 0, 107, 49

 0, 82, 26

 0, 57, 2

 0, 36, 0

 0, 0, 0

■ 134, 244, 174

■ 134, 244, 174

■ 110, 244, 158

■ 158, 244, 190

■ 85, 244, 143

■ 183, 244, 205

■ 61, 244, 127

■ 207, 244, 221

■ 36, 244, 112

■ 232, 244, 236

■ 12, 244, 96

■ 255, 244, 252

■ 0, 244, 89

■ 255, 244, 255

Harmonies

Analogous

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



197, 235, 135



134, 244, 174



32, 248, 225

Triad

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



134, 244, 174



151, 225, 255



255, 187, 170

Complementary

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



134, 244, 174



244, 134, 204

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, 181, 219



134, 244, 174



232, 207, 255

Square

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



134, 244, 174



0, 239, 255



255, 190, 255



255, 203, 134

Rectangle

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



134, 244, 174



0, 248, 255



255, 190, 255



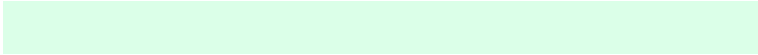
255, 184, 186

Sweetspot

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



134, 244, 174



219, 255, 232



206, 244, 134



106, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



134, 244, 174



117, 255, 167



134, 244, 227



110, 122, 115



0, 186, 68



0, 59, 21

Inverse Universe

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



244, 134, 204



255, 117, 205



244, 134, 151



122, 110, 118



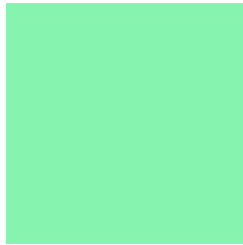
186, 0, 118



59, 0, 37

Previews

White Background



This preview shows how the RGB color 134, 244, 174 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, 244, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

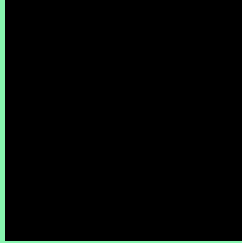
Any Text WCAG AA ✓ Pass

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, 244, 174 Background



This preview shows how black text looks on a background with the RGB color 134, 244, 174.

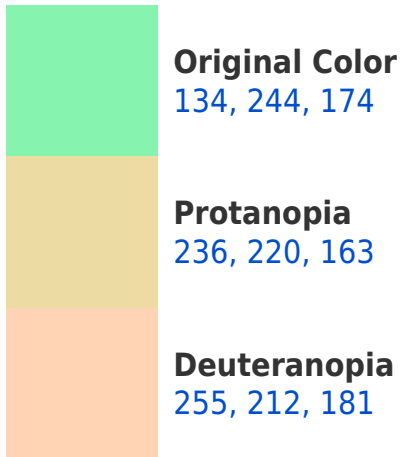


This preview shows how white text looks on a background with the RGB color 134, 244, 174.

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](#).

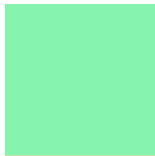
Dichromacy





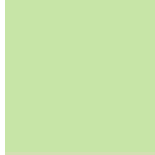
Tritanopia
153, 234, 253

Trichromacy



Original Color

134, 244, 174



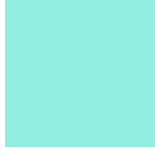
Protanomaly

199, 229, 167



Deuteranomaly

211, 224, 178



Tritanomaly

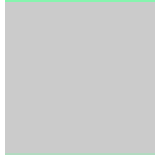
146, 238, 224

Monochromacy



Original Color

134, 244, 174



Achromatopsia

203, 203, 203



Achromatomaly

178, 218, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 244, 174 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, 244, 174)` looks like.

```
.text, #text, p{  
    color:rgb(134, 244, 174)  
}
```

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, 244, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 244, 174) }
```

Border

The CSS property to change the border of an element to RGB 134, 244, 174 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, 244, 174) }
```

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

```
.border{ border-color:rgb(134, 244, 174) }
```

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

Here you see how a box with a 4 pixel rgb(134, 244, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 244, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 244, 174);  
box-shadow:4px 4px 4px 4px rgb(134, 244,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 134, 244, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 244, 174) }
```

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

```
.background{ background-color: rgb(134,  
244, 174) }
```

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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