

Converting Colors

RGB(134, 231, 180)

Have a look what the booklet for
RGB(134, 231, 180) contains.

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Color

RGB(134, 231, 180)

Conversions

Conversions Part 1

Format	Color
Hex	86E7B4
RGB	134, 231, 180
RGB Percent	53%, 91%, 71%
CMY	0.4745, 0.0941, 0.2941
CMYK	0.42, 0.00, 0.22, 0.09
HSL	148°, 67%, 72%
HSV	148°, 42%, 91%
XYZ	46.6456, 65.5154, 53.3673
YIQ	196.1830, -41.4410, -36.4250

Conversions

Conversions Part 2

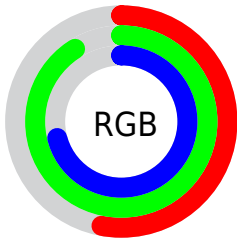
Format	Color
RYB	134, 200, 231
Decimal	8841140
CIELab	84.75, -39.87, 16.02
CIELCh	85, 42.966, 158.115
Yxy	65.5154, 0.2818, 0.3958
Android (android.graphics.Color)	4287031220 (0xFF86E7B4)
YUV	196.1830, -7.9782, -54.5345
Hunter-Lab	80.9416, -38.7805, 17.5674

Details

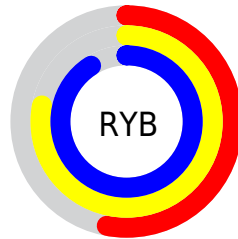
The RGB color **134, 231, 180** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **231, 134, 185**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **191, 255, 236**, and **78, 175, 127** is the 20% darker color. If you saturate the color by 10%, you get **111, 231, 168**, and if you desaturate by 10%, it is **157, 231, 192**.

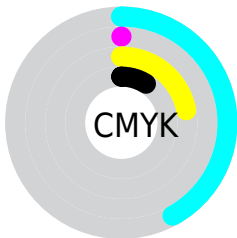
Distribution



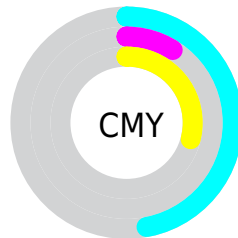
- Red (53%)
- Green (91%)
- Blue (71%)



- Red (53%)
- Yellow (78%)
- Blue (91%)



- Cyan (42%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (47%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 231, 180 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, 231, 180 by changing the saturation by 10% instead.


 134, 231, 180

 134, 231, 180

255, 255, 255

 106, 203, 153


 191, 255, 236

 78, 175, 127

 220, 255, 255

 48, 148, 102

 249, 255, 255

 4, 121, 78

 0, 96, 55

 0, 71, 33


 0, 48, 11

 0, 25, 0

 0, 0, 0

 134, 231, 180

 134, 231, 180

 111, 231, 168

 157, 231, 192

 88, 231, 156

 180, 231, 204

 65, 231, 144

 203, 231, 216

 42, 231, 131

 226, 231, 229

 19, 231, 119

 250, 231, 241

 0, 231, 110

 255, 231, 253

 255, 231, 255

Harmonies

Analogous

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



184, 224, 146



134, 231, 180



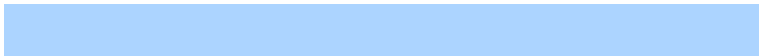
80, 234, 222

Triad

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



134, 231, 180



172, 212, 255



255, 186, 163

Complementary

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



134, 231, 180



231, 134, 185

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, 180, 202



134, 231, 180



231, 197, 255

Square

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



134, 231, 180



103, 224, 255



255, 185, 243



255, 199, 137

Rectangle

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



134, 231, 180



50, 233, 248



255, 185, 243



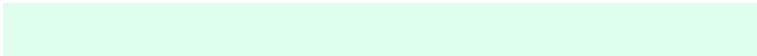
255, 183, 175

Sweetspot

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



134, 231, 180



222, 255, 238



186, 231, 134



107, 128, 117



0, 0, 0



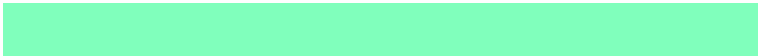
128, 128, 128

Same Dimension

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



134, 231, 180



128, 255, 188



134, 231, 228



103, 115, 109



0, 179, 85



0, 51, 24

Inverse Universe

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



231, 134, 185



255, 128, 195



231, 134, 137



115, 103, 109



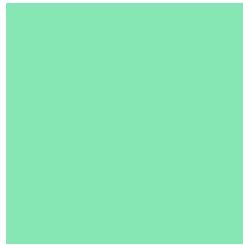
179, 0, 94



51, 0, 27

Previews

White Background



This preview shows how the RGB color 134, 231, 180 looks on a white background.

Color Contrast Check

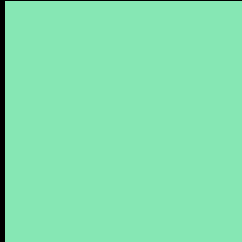
Large Text (above 18pt) WCAG AA × Fail

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, 231, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

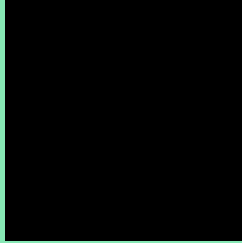
Any Text WCAG AA ✓ Pass

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, 231, 180 Background



This preview shows how black text looks on a background with the RGB color 134, 231, 180.

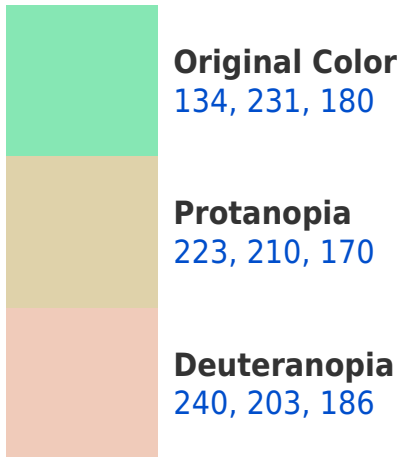


This preview shows how white text looks on a background with the RGB color 134, 231, 180.

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
148, 223, 241

Trichromacy



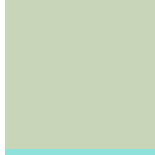
Original Color

134, 231, 180



Protanomaly

191, 218, 174



Deuteranomaly

201, 213, 184



Tritanomaly

143, 226, 219

Monochromacy



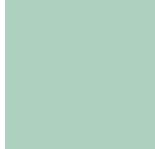
Original Color

134, 231, 180



Achromatopsia

196, 196, 196



Achromatomaly

173, 209, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 231, 180 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, 231, 180)` looks like.

```
.text, #text, p{  
    color:rgb(134, 231, 180)  
}
```

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, 231, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 231, 180) }
```

Border

The CSS property to change the border of an element to RGB 134, 231, 180 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, 231, 180) }
```

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

```
.border{ border-color:rgb(134, 231, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 231, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 231, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 231, 180);  
box-shadow:4px 4px 4px 4px rgb(134, 231,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 134, 231, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 231, 180) }
```

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

```
.background{ background-color: rgb(134,  
231, 180) }
```

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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