

Converting Colors

RGB(181, 251, 148)

Have a look what the booklet for
RGB(181, 251, 148) contains.

RGB(181, 251, 148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(181, 251, 148)

Conversions

Conversions Part 1

Format	Color
Hex	B5FB94
RGB	181, 251, 148
RGB Percent	71%, 98%, 58%
CMY	0.2902, 0.0157, 0.4196
CMYK	0.28, 0.00, 0.41, 0.02
HSL	101°, 93%, 78%
HSV	101°, 41%, 98%
XYZ	58.8985, 80.9562, 40.5388
YIQ	218.3280, -8.6570, -46.8730

Conversions

Conversions Part 2

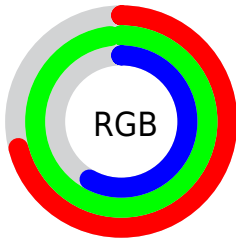
Format	Color
RYB	148, 251, 218
Decimal	11926420
CIELab	92.11, -39.72, 42.52
CIElCh	92, 58.189, 133.052
Yxy	80.9562, 0.3265, 0.4488
Android (android.graphics.Color)	4290116500 (0xFFB5FB94)
YUV	218.3280, -34.6717, -32.7367
Hunter-Lab	89.9757, -40.6105, 36.2697

Details

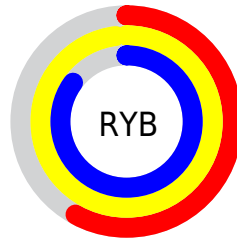
The RGB color **181, 251, 148** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **218, 148, 251**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **239, 255, 203**, and **125, 194, 95** is the 20% darker color. If you saturate the color by 10%, you get **164, 251, 123**, and if you desaturate by 10%, it is **198, 251, 173**.

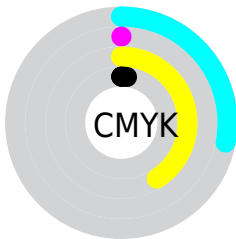
Distribution



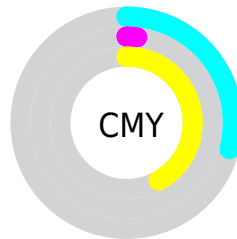
- Red (71%)
- Green (98%)
- Blue (58%)



- Red (58%)
- Yellow (98%)
- Blue (85%)



- Cyan (28%)
- Magenta (0%)
- Yellow (41%)
- Black (2%)



- Cyan (29%)
- Magenta (2%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 251, 148 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 181, 251, 148 by changing the saturation by 10% instead.

 181, 251, 148

255, 255, 255

 239, 255, 203


 255, 255, 232

 181, 251, 148

 153, 222, 121

 125, 194, 95

 98, 167, 70

 71, 140, 45

 43, 114, 18

 6, 89, 0

 0, 65, 0

 0, 43, 0

 0, 14, 0

 181, 251, 148


 181, 251, 148

 164, 251, 123


 198, 251, 173

 147, 251, 98

 215, 251, 198

 130, 251, 73


 232, 251, 223

 113, 251, 48

 249, 251, 248

 96, 251, 23

 255, 251, 255

 80, 251, 0

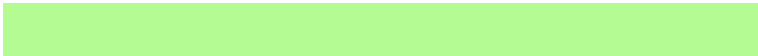
Harmonies

Analogous

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



243, 237, 120



181, 251, 148



100, 255, 198

Triad

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



181, 251, 148



43, 247, 255



255, 187, 210

Complementary

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



181, 251, 148



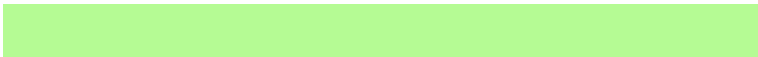
218, 148, 251

Split Complementary

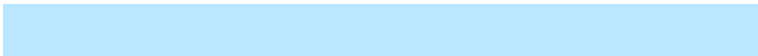
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 191, 255



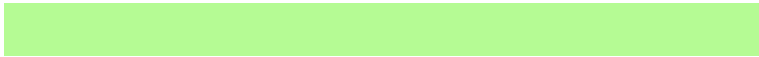
181, 251, 148



186, 230, 255

Square

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



181, 251, 148



0, 255, 255



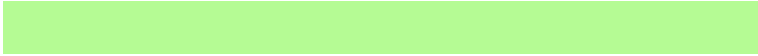
255, 208, 255



255, 198, 159

Rectangle

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



181, 251, 148



0, 255, 236



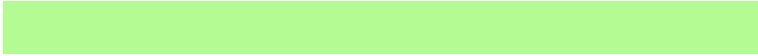
255, 208, 255



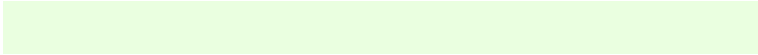
255, 186, 229

Sweetspot

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



181, 251, 148



234, 255, 224



251, 217, 148



115, 128, 110



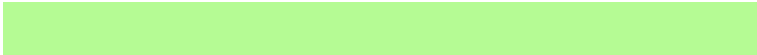
0, 0, 0



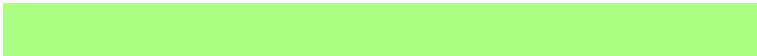
128, 128, 128

Same Dimension

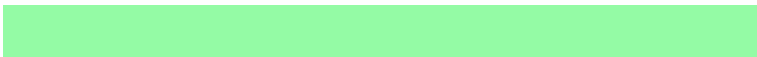
The Same Dimension uses a secret algorithm to generate beautiful new colors.



181, 251, 148



170, 255, 130



148, 251, 165



116, 125, 112



60, 189, 0



20, 61, 0

Inverse Universe

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



218, 148, 251



215, 130, 255



251, 148, 234



121, 112, 125



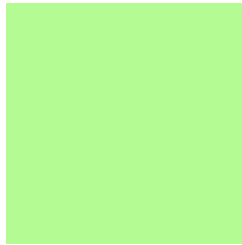
128, 0, 189



42, 0, 61

Previews

White Background



This preview shows how the RGB color 181, 251, 148 looks on a white background.

Color Contrast Check

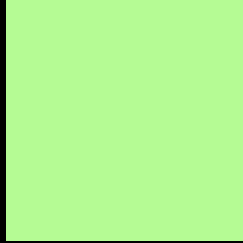
Large Text (above 18pt) WCAG AA × Fail

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 181, 251, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

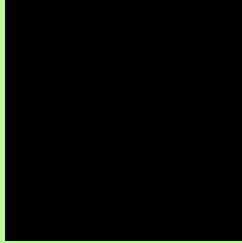
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

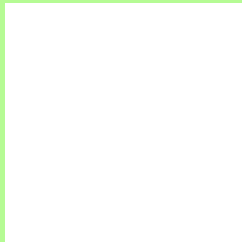
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 181, 251, 148 Background



This preview shows how black text looks on a background with the RGB color 181, 251, 148.

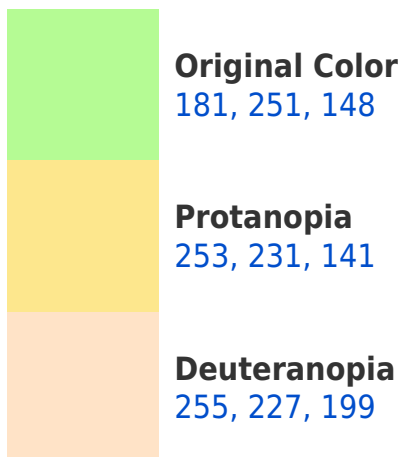


This preview shows how white text looks on a background with the RGB color 181, 251, 148.

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





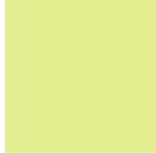
Tritanopia
202, 238, 255

Trichromacy



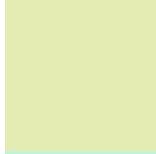
Original Color

181, 251, 148



Protanomaly

227, 238, 144



Deuteranomaly

228, 236, 180



Tritanomaly

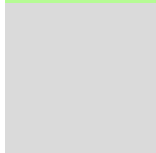
194, 243, 216

Monochromacy



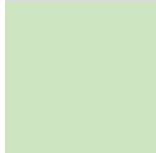
Original Color

181, 251, 148



Achromatopsia

218, 218, 218



Achromatomaly

205, 230, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 251, 148 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(181, 251, 148)` looks like.

```
.text, #text, p{  
    color:rgb(181, 251, 148)  
}
```

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(181, 251, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 251, 148) }
```

Border

The CSS property to change the border of an element to RGB 181, 251, 148 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(181, 251, 148) }
```

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

```
.border{ border-color:rgb(181, 251, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 251, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 251, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 251, 148); box-shadow:4px 4px 4px 4px rgb(181, 251, 148) }
```

Background

The CSS property to change the background color of an element to RGB 181, 251, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 251, 148) }
```

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

```
.background{ background-color: rgb(181,  
251, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor