

Converting Colors

RGB(123, 255, 180)

Have a look what the booklet for
RGB(123, 255, 180) contains.

RGB(123, 255, 180)	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(123, 255, 180)

Conversions

Conversions Part 1

Format	Color
Hex	7BFFB4
RGB	123, 255, 180
RGB Percent	48%, 100%, 71%
CMY	0.5176, 0.0000, 0.2941
CMYK	0.52, 0.00, 0.29, 0.00
HSL	146°, 100%, 74%
HSV	146°, 52%, 100%
XYZ	52.1666, 79.0262, 55.6841
YIQ	206.9820, -54.5970, -51.3090

Conversions

Conversions Part 2

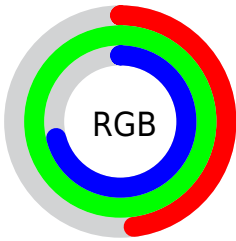
Format	Color
RYB	123, 215, 255
Decimal	8126388
CIELab	91.25, -52.89, 24.97
CIELCh	91, 58.490, 154.730
Yxy	79.0262, 0.2791, 0.4229
Android (android.graphics.Color)	4286316468 (0xFF7BFFB4)
YUV	206.9820, -13.3021, -73.6522
Hunter-Lab	88.8967, -50.8214, 25.0889

Details

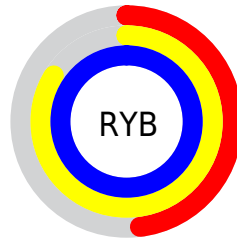
The RGB color **123, 255, 180** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **255, 123, 198**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **183, 255, 236**, and **59, 197, 127** is the 20% darker color. If you saturate the color by 10%, you get **98, 255, 166**, and if you desaturate by 10%, it is **149, 255, 194**.

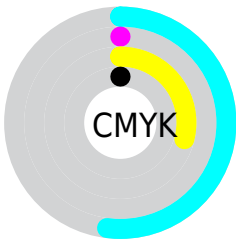
Distribution



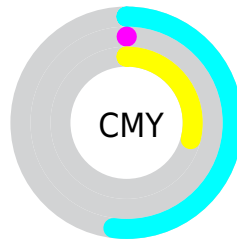
- Red (48%)
- Green (100%)
- Blue (71%)



- Red (48%)
- Yellow (84%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (52%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 255, 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 123, 255, 180 by changing the saturation by 10% instead.

 123, 255, 180

255, 255, 255

 183, 255, 236


 213, 255, 255


 243, 255, 255


 123, 255, 180

 92, 226, 153

 59, 197, 127

 4, 169, 101

 0, 142, 77

 0, 116, 53

 0, 90, 31

 0, 65, 8

 0, 43, 0

 0, 9, 0

 123, 255, 180

 123, 255, 180

 98, 255, 166

 149, 255, 194

 72, 255, 151

 174, 255, 209

 47, 255, 137

 200, 255, 223

 21, 255, 122

 225, 255, 238

 0, 255, 110

 251, 255, 252

 255, 255, 255

Harmonies

Analogous

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



197, 245, 135



123, 255, 180



0, 255, 237

Triad

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



123, 255, 180



153, 233, 255



255, 191, 169

Complementary

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



123, 255, 180



255, 123, 198

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, 183, 223



123, 255, 180



247, 212, 255

Square

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



123, 255, 180



0, 248, 255



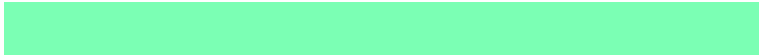
255, 192, 255



255, 210, 129

Rectangle

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



123, 255, 180



0, 255, 255



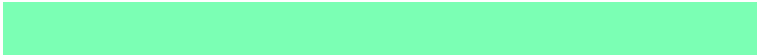
255, 192, 255



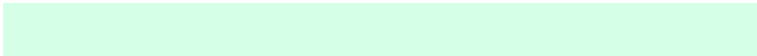
255, 187, 186

Sweetspot

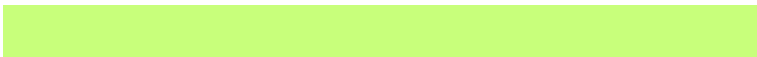
The Sweet Spot groups the original color and five complimentary colors.



123, 255, 180



214, 255, 232



200, 255, 123



103, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



123, 255, 180



97, 255, 165



123, 255, 244



115, 128, 120



0, 191, 83



0, 64, 28

Inverse Universe

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



255, 123, 198



255, 97, 187



255, 123, 134



128, 115, 122



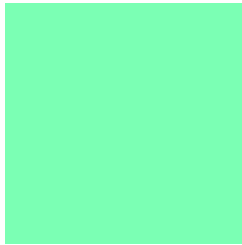
191, 0, 109



64, 0, 36

Previews

White Background



This preview shows how the RGB color 123, 255, 180 looks on a white background.

Color Contrast Check

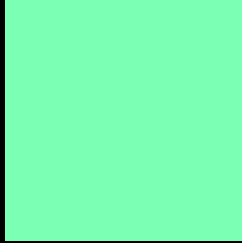
Large Text (above 18pt) WCAG AA × Fail

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 123, 255, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

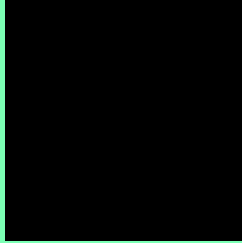
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

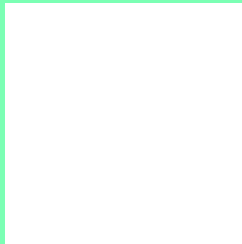
Any Text WCAG AAA ✓ Pass

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

RGB 123, 255, 180 Background



This preview shows how black text looks on a background with the RGB color 123, 255, 180.

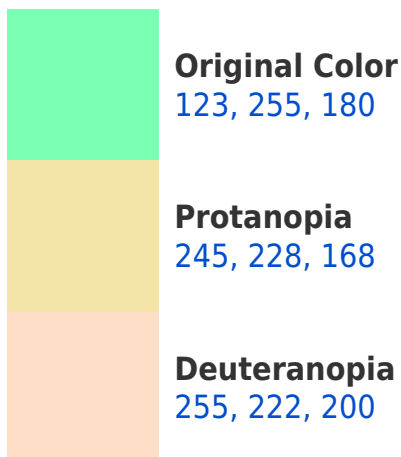


This preview shows how white text looks on a background with the RGB color 123, 255, 180.

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
173, 240, 255

Trichromacy



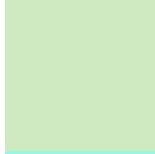
Original Color

123, 255, 180



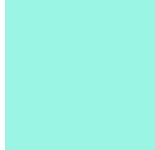
Protanomaly

201, 238, 172



Deuteranomaly

207, 234, 193



Tritanomaly

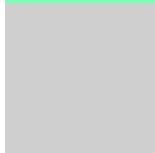
155, 245, 228

Monochromacy



Original Color

123, 255, 180



Achromatopsia

207, 207, 207



Achromatomaly

176, 224, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 255, 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(123, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(123, 255, 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(123, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 255, 180) }
```

Border

The CSS property to change the border of an element to RGB 123, 255, 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(123, 255, 180) }
```

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

```
.border{ border-color:rgb(123, 255, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 255, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(123, 255,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 123, 255, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 255, 180) }
```

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

```
.background{ background-color: rgb(123,  
255, 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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