

Converting Colors

RGB(128, 255, 178)

Have a look what the booklet for
RGB(128, 255, 178) contains.

RGB(128, 255, 178)	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(128, 255, 178)

Conversions

Conversions Part 1

Format	Color
Hex	80FFB2
RGB	128, 255, 178
RGB Percent	50%, 100%, 70%
CMY	0.4980, 0.0000, 0.3020
CMYK	0.50, 0.00, 0.30, 0.00
HSL	144°, 100%, 75%
HSV	144°, 50%, 100%
XYZ	52.6980, 79.3235, 54.6530
YIQ	208.2490, -50.9750, -50.8710

Conversions

Conversions Part 2

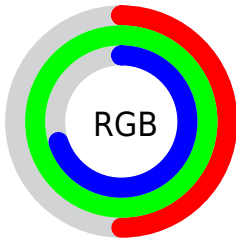
Format	Color
RYB	128, 219, 255
Decimal	8454066
CIELab	91.38, -52.09, 26.19
CIELCh	91, 58.302, 153.303
Yxy	79.3235, 0.2823, 0.4249
Android (android.graphics.Color)	4286644146 (0xFF80FFB2)
YUV	208.2490, -14.9128, -70.3784
Hunter-Lab	89.0638, -50.2453, 25.9620

Details

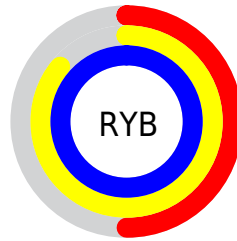
The RGB color **128, 255, 178** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **255, 128, 205**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **187, 255, 234**, and **66, 197, 125** is the 20% darker color. If you saturate the color by 10%, you get **103, 255, 163**, and if you desaturate by 10%, it is **154, 255, 193**.

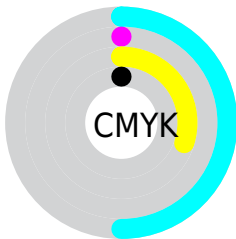
Distribution



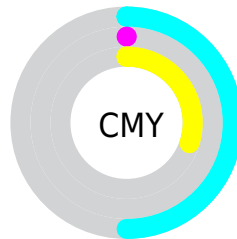
- Red (50%)
- Green (100%)
- Blue (70%)



- Red (50%)
- Yellow (86%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 255, 178 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 128, 255, 178 by changing the saturation by 10% instead.

 128, 255, 178

255, 255, 255


 187, 255, 234


 217, 255, 255


 247, 255, 255


 128, 255, 178

 98, 226, 151

 66, 197, 125

 24, 170, 100

 0, 142, 75

 0, 116, 52

 0, 90, 29

 0, 65, 5

 0, 43, 0

 0, 9, 0

■ 128, 255, 178

■ 128, 255, 178

■ 103, 255, 163

■ 154, 255, 193

■ 77, 255, 147

■ 179, 255, 209

■ 51, 255, 132

■ 205, 255, 224

■ 26, 255, 116

■ 230, 255, 240

■ 0, 255, 101

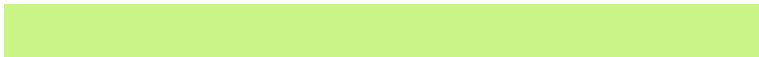
255, 255, 255

■ 0, 255, 100

Harmonies

Analogous

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



200, 245, 134



128, 255, 178



0, 255, 235

Triad

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



128, 255, 178



149, 234, 255



255, 191, 172

Complementary

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



128, 255, 178



255, 128, 205

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, 184, 226



128, 255, 178



243, 213, 255

Square

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



128, 255, 178



0, 249, 255



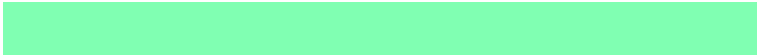
255, 193, 255



255, 209, 131

Rectangle

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



128, 255, 178



0, 255, 255



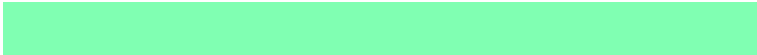
255, 193, 255



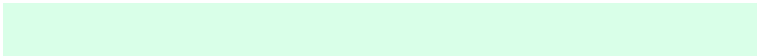
255, 187, 189

Sweetspot

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



128, 255, 178



217, 255, 232



206, 255, 128



105, 128, 114



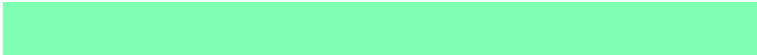
0, 0, 0



128, 128, 128

Same Dimension

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



128, 255, 178



102, 255, 162



128, 255, 240



115, 128, 120



0, 191, 75



0, 64, 25

Inverse Universe

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



255, 128, 205



255, 102, 195



255, 128, 143



128, 115, 122



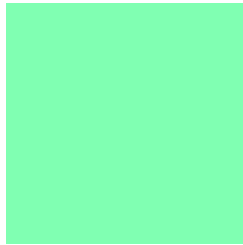
191, 0, 116



64, 0, 39

Previews

White Background



This preview shows how the RGB color 128, 255, 178 looks on a white background.

Color Contrast Check

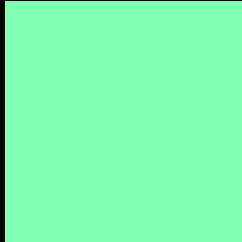
Large Text (above 18pt) WCAG AA × Fail

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 128, 255, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

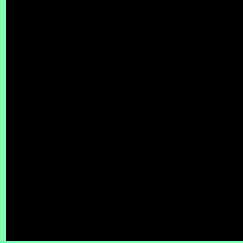
Any Text WCAG AA ✓ Pass

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 128, 255, 178 Background



This preview shows how black text looks on a background with the RGB color 128, 255, 178.

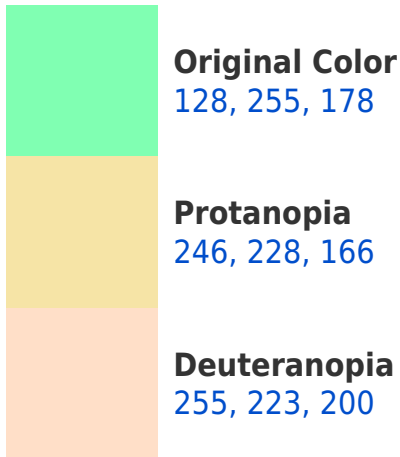


This preview shows how white text looks on a background with the RGB color 128, 255, 178.

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





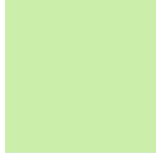
Tritanopia
175, 240, 255

Trichromacy



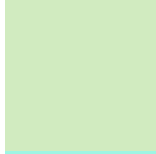
Original Color

128, 255, 178



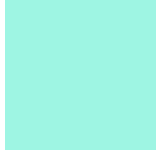
Protanomaly

203, 238, 170



Deuteranomaly

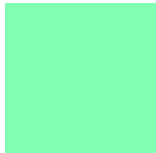
209, 235, 192



Tritanomaly

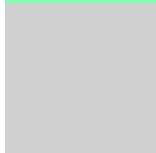
158, 245, 227

Monochromacy



Original Color

128, 255, 178



Achromatopsia

208, 208, 208



Achromatomaly

179, 225, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 255, 178 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(128, 255, 178)` looks like.

```
.text, #text, p{  
    color:rgb(128, 255, 178)  
}
```

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(128, 255, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 255, 178) }
```

Border

The CSS property to change the border of an element to RGB 128, 255, 178 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(128, 255, 178) }
```

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

```
.border{ border-color:rgb(128, 255, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 255, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 255, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 255, 178);  
box-shadow:4px 4px 4px 4px rgb(128, 255,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 128, 255, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 255, 178) }
```

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

```
.background{ background-color: rgb(128,  
255, 178) }
```

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