

Converting Colors

RGB(128, 254, 187)

Have a look what the booklet for
RGB(128, 254, 187) contains.

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Color

RGB(128, 254, 187)

Conversions

Conversions Part 1	
Format	Color
Hex	80FEBB
RGB	128, 254, 187
RGB Percent	50%, 100%, 73%
CMY	0.4980, 0.0039, 0.2667
CMYK	0.50, 0.00, 0.26, 0.00
HSL	148°, 98%, 75%
HSV	148°, 50%, 100%
XYZ	53.3135, 79.0607, 59.4640
YIQ	208.6880, -53.5890, -47.5490

Conversions

Conversions Part 2

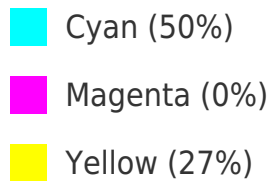
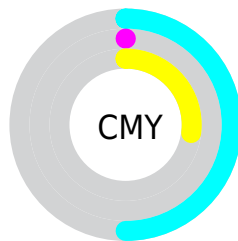
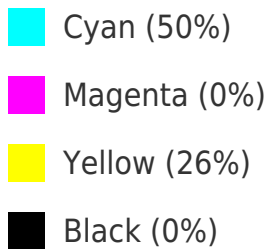
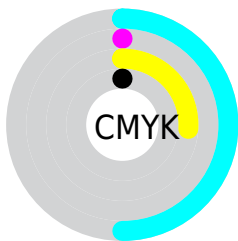
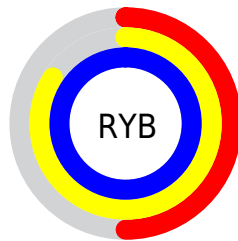
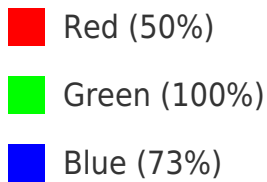
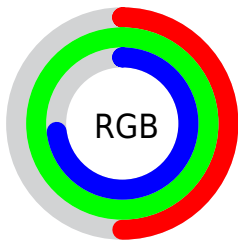
Format	Color
RYB	128, 214, 254
Decimal	8453819
CIELab	91.26, -49.98, 21.46
CIELCh	91, 54.392, 156.768
Yxy	79.0607, 0.2779, 0.4121
Android (android.graphics.Color)	4286643899 (0xFF80FEBB)
YUV	208.6880, -10.6922, -70.7634
Hunter-Lab	88.9161, -48.5756, 22.5901

Details

The RGB color **128, 254, 187** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **254, 128, 195**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **187, 255, 243**, and **66, 196, 134** is the 20% darker color. If you saturate the color by 10%, you get **103, 254, 173**, and if you desaturate by 10%, it is **153, 254, 201**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 128, 254, 187 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, 254, 187 by changing the saturation by 10% instead.

 128, 254, 187

255, 255, 255


 187, 255, 243


 217, 255, 255


 247, 255, 255


 128, 254, 187

 98, 225, 160

 66, 196, 134

 25, 169, 108

 0, 142, 83

 0, 115, 60

 0, 90, 37

 0, 65, 16

 0, 43, 0

 0, 9, 0

 128, 254, 187

 128, 254, 187

 103, 254, 173

 153, 254, 201

 77, 254, 160

 179, 254, 214

 52, 254, 146

 204, 254, 228

 26, 254, 133

 230, 254, 241

 1, 254, 119

255, 254, 255

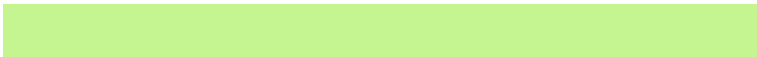
 0, 254, 119

255, 254, 255

Harmonies

Analogous

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



196, 245, 144



128, 254, 187



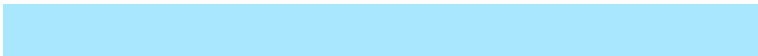
0, 255, 240

Triad

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



128, 254, 187



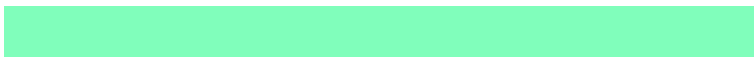
169, 231, 255



255, 196, 170

Complementary

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



128, 254, 187



254, 128, 195

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, 188, 220



128, 254, 187



251, 212, 255

Square

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



128, 254, 187



35, 246, 255



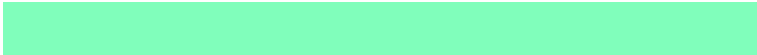
255, 194, 255



255, 213, 134

Rectangle

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



128, 254, 187



0, 255, 255



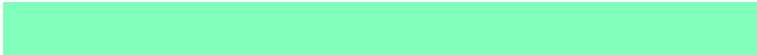
255, 194, 255



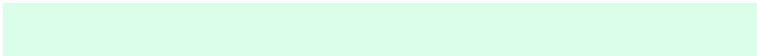
255, 191, 186

Sweetspot

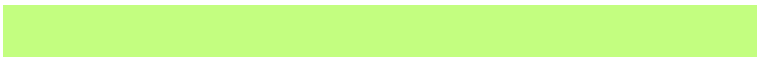
The Sweet Spot groups the original color and five complimentary colors.



128, 254, 187



217, 255, 235



195, 254, 128



105, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



128, 254, 187



102, 255, 174



128, 254, 250



115, 128, 121



0, 191, 90



0, 64, 30

Inverse Universe

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



254, 128, 195



255, 102, 183



254, 128, 132



128, 115, 122



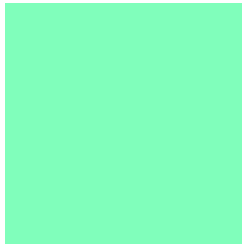
191, 0, 102



64, 0, 34

Previews

White Background



This preview shows how the RGB color 128, 254, 187 looks on a white background.

Color Contrast Check

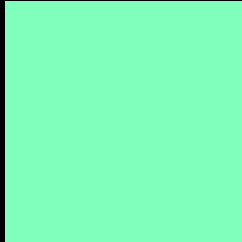
Large Text (above 18pt) WCAG AA × Fail

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, 254, 187 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, 254, 187 Background



This preview shows how black text looks on a background with the RGB color 128, 254, 187.

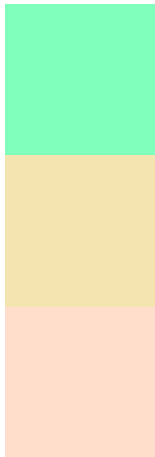


This preview shows how white text looks on a background with the RGB color 128, 254, 187.

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



Original Color

128, 254, 187

Protanopia

244, 228, 175

Deuteranopia

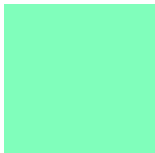
255, 222, 203



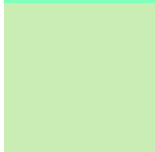
Tritanopia

174, 240, 255

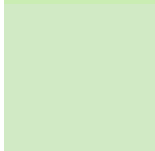
Trichromacy



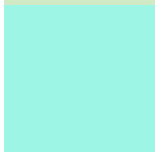
Original Color
128, 254, 187



Protanomaly
202, 237, 179

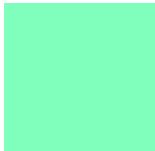


Deuteranomaly
209, 234, 197



Tritanomaly
157, 245, 230

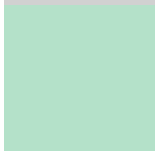
Monochromacy



Original Color
128, 254, 187



Achromatopsia
209, 209, 209



Achromatomaly
180, 225, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 254, 187 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, 254, 187)` looks like.

```
.text, #text, p{  
    color:rgb(128, 254, 187)  
}
```

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, 254, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 254, 187) }
```

Border

The CSS property to change the border of an element to RGB 128, 254, 187 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, 254, 187) }
```

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

```
.border{ border-color:rgb(128, 254, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 254, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 254, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 254, 187);  
box-shadow:4px 4px 4px 4px rgb(128, 254,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 128, 254, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 254, 187) }
```

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

```
.background{ background-color: rgb(128,  
254, 187) }
```

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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