

Converting Colors

RGB(133, 255, 194)

Have a look what the booklet for
RGB(133, 255, 194) contains.

RGB(133, 255, 194)	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(133, 255, 194)

Conversions

Conversions Part 1

Format	Color
Hex	85FFC2
RGB	133, 255, 194
RGB Percent	52%, 100%, 76%
CMY	0.4784, 0.0000, 0.2392
CMYK	0.48, 0.00, 0.24, 0.00
HSL	150°, 100%, 76%
HSV	150°, 48%, 100%
XYZ	55.1705, 80.4016, 63.6502
YIQ	211.5680, -53.1310, -44.8350

Conversions

Conversions Part 2

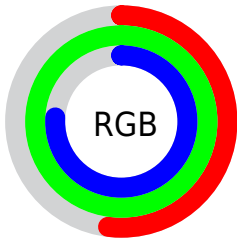
Format	Color
RYB	133, 214, 255
Decimal	8781762
CIELab	91.86, -47.85, 18.75
CIELCh	92, 51.389, 158.606
Yxy	80.4016, 0.2769, 0.4036
Android (android.graphics.Color)	4286971842 (0xFF85FFC2)
YUV	211.5680, -8.6610, -68.9041
Hunter-Lab	89.6669, -47.0893, 20.6798

Details

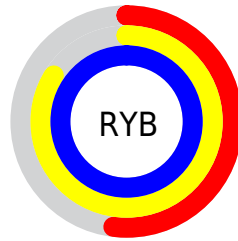
The RGB color **133, 255, 194** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **255, 133, 194**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **192, 255, 251**, and **73, 197, 140** is the 20% darker color. If you saturate the color by 10%, you get **108, 255, 181**, and if you desaturate by 10%, it is **159, 255, 207**.

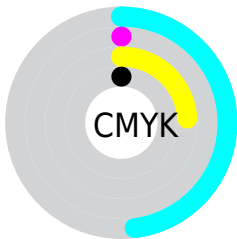
Distribution



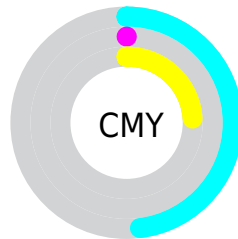
- Red (52%)
- Green (100%)
- Blue (76%)



- Red (52%)
- Yellow (84%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 255, 194 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 133, 255, 194 by changing the saturation by 10% instead.

 133, 255, 194

255, 255, 255


 192, 255, 251


 221, 255, 255


 252, 255, 255


 133, 255, 194

 103, 226, 167

 73, 197, 140

 36, 170, 115

 0, 143, 90

 0, 116, 66

 0, 91, 44

 0, 66, 22

 0, 44, 0

 0, 13, 0

■ 133, 255, 194

■ 133, 255, 194

■ 108, 255, 181

■ 159, 255, 207

■ 82, 255, 169

■ 184, 255, 220

■ 57, 255, 156

■ 210, 255, 232

■ 31, 255, 143

■ 235, 255, 245

■ 6, 255, 130

255, 255, 255

■ 0, 255, 128

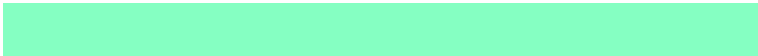
Harmonies

Analogous

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



196, 247, 153



133, 255, 194



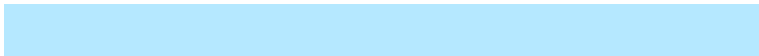
40, 255, 245

Triad

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



133, 255, 194



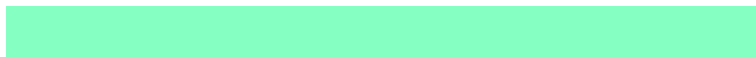
181, 232, 255



255, 200, 172

Complementary

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



133, 255, 194



255, 133, 194

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, 192, 219



133, 255, 194



255, 214, 255

Square

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



133, 255, 194



82, 247, 255



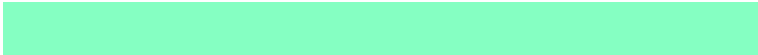
255, 198, 255



255, 216, 140

Rectangle

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



133, 255, 194



0, 255, 255



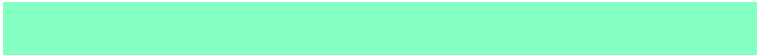
255, 198, 255



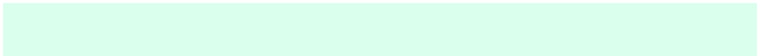
255, 196, 187

Sweetspot

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



133, 255, 194



219, 255, 237



194, 255, 133



106, 128, 117



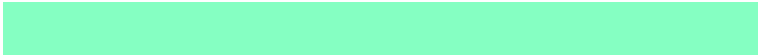
0, 0, 0



128, 128, 128

Same Dimension

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



133, 255, 194



110, 255, 182



133, 255, 255



115, 128, 121



0, 191, 96



0, 64, 32

Inverse Universe

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



255, 133, 194



255, 110, 182



255, 133, 133



128, 115, 121



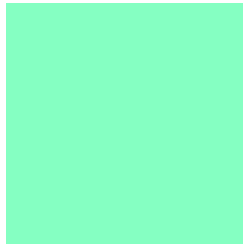
191, 0, 96



64, 0, 32

Previews

White Background



This preview shows how the RGB color 133, 255, 194 looks on a white background.

Color Contrast Check

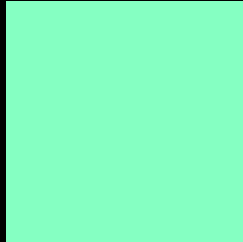
Large Text (above 18pt) WCAG AA × Fail

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 133, 255, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

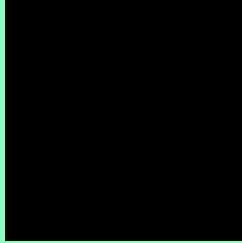
Any Text WCAG AA ✓ Pass

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 133, 255, 194 Background



This preview shows how black text looks on a background with the RGB color 133, 255, 194.



This preview shows how white text looks on a background with the RGB color 133, 255, 194.

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





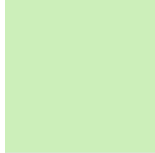
Tritanopia
181, 241, 255

Trichromacy



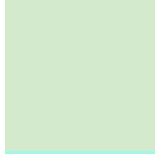
Original Color

133, 255, 194



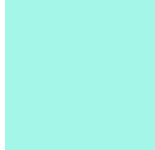
Protanomaly

204, 239, 186



Deuteranomaly

211, 235, 204



Tritanomaly

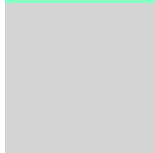
164, 246, 233

Monochromacy



Original Color

133, 255, 194



Achromatopsia

212, 212, 212



Achromatomaly

183, 228, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 255, 194 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(133, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 194)  
}
```

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(133, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 194) }
```

Border

The CSS property to change the border of an element to RGB 133, 255, 194 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(133, 255, 194) }
```

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

```
.border{ border-color:rgb(133, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(133, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 133, 255, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 194) }
```

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

```
.background{ background-color: rgb(133,  
255, 194) }
```

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