

Converting Colors

RGB(133, 247, 199)

Have a look what the booklet for
RGB(133, 247, 199) contains.

RGB(133, 247, 199)	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, 247, 199)

Conversions

Conversions Part 1

Format	Color
Hex	85F7C7
RGB	133, 247, 199
RGB Percent	52%, 97%, 78%
CMY	0.4784, 0.0314, 0.2196
CMYK	0.46, 0.00, 0.19, 0.03
HSL	155°, 88%, 75%
HSV	155°, 46%, 97%
XYZ	53.2424, 75.6316, 65.8250
YIQ	207.4420, -52.5360, -39.0960

Conversions

Conversions Part 2

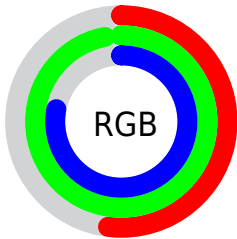
Format	Color
R _Y B	133, 205, 247
Decimal	8779719
CIE Lab	89.69, -43.38, 13.11
CIE LCh	90, 45.319, 163.186
Yxy	75.6316, 0.2735, 0.3885
Android (android.graphics.Color)	4286969799 (0xFF85F7C7)
YUV	207.4420, -4.1619, -65.2856
Hunter-Lab	86.9664, -42.9103, 15.9998

Details

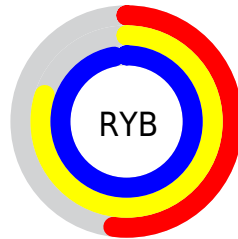
The RGB color **133, 247, 199** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **247, 133, 181**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **191, 255, 255**, and **74, 190, 145** is the 20% darker color. If you saturate the color by 10%, you get **108, 247, 189**, and if you desaturate by 10%, it is **158, 247, 209**.

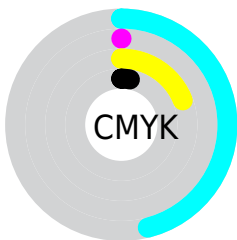
Distribution



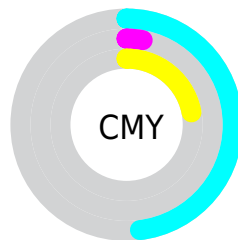
- Red (52%)
- Green (97%)
- Blue (78%)



- Red (52%)
- Yellow (80%)
- Blue (97%)



- Cyan (46%)
- Magenta (0%)
- Yellow (19%)
- Black (3%)


















- Cyan (48%)
- Magenta (3%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 133, 247, 199 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, 247, 199 by changing the saturation by 10% instead.

 133, 247, 199	 133, 247, 199
 255, 255, 255	 104, 218, 172
 191, 255, 255	 74, 190, 145
 221, 255, 255	 40, 162, 119
 251, 255, 255	 0, 136, 95
	 0, 110, 71
	 0, 84, 48
	 0, 60, 27
	 0, 39, 1
	 0, 0, 0

■ 133, 247, 199

■ 133, 247, 199

■ 108, 247, 189

■ 158, 247, 209

■ 84, 247, 178

■ 182, 247, 220

■ 59, 247, 168

■ 207, 247, 230

■ 34, 247, 157

■ 232, 247, 241

■ 9, 247, 147

■ 255, 247, 251

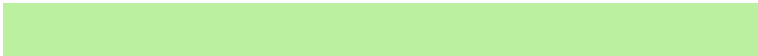
■ 0, 247, 143

■ 255, 247, 255

Harmonies

Analogous

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



187, 240, 161



133, 247, 199



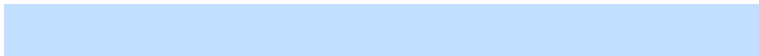
74, 249, 244

Triad

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



133, 247, 199



194, 223, 255



255, 200, 168

Complementary

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



133, 247, 199



247, 133, 181

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, 208



133, 247, 199



255, 207, 255

Square

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



133, 247, 199



121, 237, 255



255, 195, 252



255, 214, 143

Rectangle

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



133, 247, 199



48, 247, 255



255, 195, 252



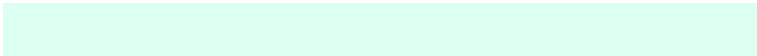
255, 197, 180

Sweetspot

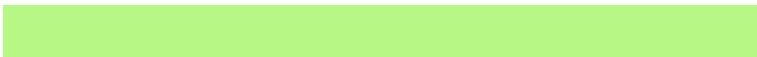
The Sweet Spot groups the original color and five complimentary colors.



133, 247, 199



219, 255, 240



182, 247, 133



106, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



133, 247, 199



115, 255, 196



133, 239, 247



110, 122, 117



0, 186, 108



0, 59, 34

Inverse Universe

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



247, 133, 181



255, 115, 174



247, 141, 133



122, 110, 115



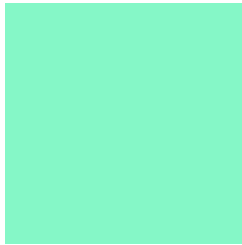
186, 0, 78



59, 0, 25

Previews

White Background



This preview shows how the RGB color 133, 247, 199 looks on a white background.

Color Contrast Check

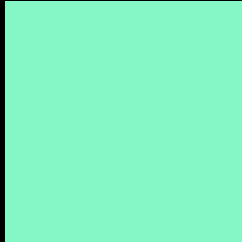
Large Text (above 18pt) WCAG AA × Fail

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, 247, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

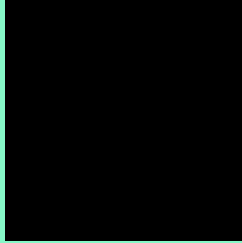
Any Text WCAG AA ✓ Pass

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, 247, 199 Background



This preview shows how black text looks on a background with the RGB color 133, 247, 199.

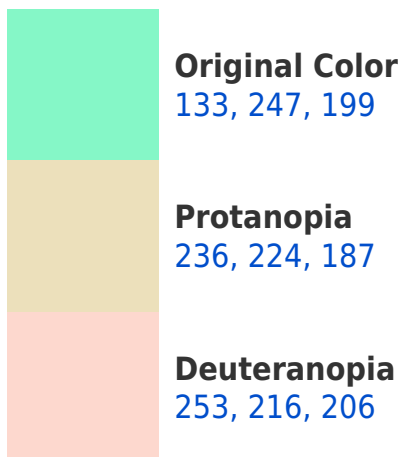


This preview shows how white text looks on a background with the RGB color 133, 247, 199.

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





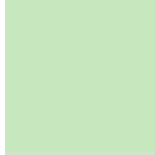
Tritanopia
158, 237, 255

Trichromacy



Original Color

133, 247, 199



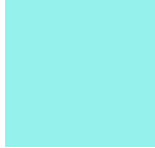
Protanomaly

199, 232, 191



Deuteranomaly

209, 227, 203



Tritanomaly

149, 241, 235

Monochromacy



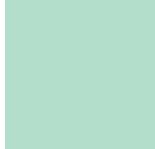
Original Color

133, 247, 199



Achromatopsia

207, 207, 207



Achromatomaly

180, 222, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 247, 199 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, 247, 199)` looks like.

```
.text, #text, p{  
    color:rgb(133, 247, 199)  
}
```

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, 247, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 247, 199) }
```

Border

The CSS property to change the border of an element to RGB 133, 247, 199 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, 247, 199) }
```

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

```
.border{ border-color:rgb(133, 247, 199) }
```

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

Here you see how a box with a 4 pixel rgb(133, 247, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 247, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 247, 199);  
box-shadow:4px 4px 4px 4px rgb(133, 247,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 133, 247, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 247, 199) }
```

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

```
.background{ background-color: rgb(133,  
247, 199) }
```

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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