

Converting Colors

RGB(131, 246, 203)

Have a look what the booklet for
RGB(131, 246, 203) contains.

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Color

RGB(131, 246, 203)

Conversions

Conversions Part 1

Format	Color
Hex	83F6CB
RGB	131, 246, 203
RGB Percent	51%, 96%, 80%
CMY	0.4863, 0.0353, 0.2039
CMYK	0.47, 0.00, 0.17, 0.04
HSL	158°, 86%, 74%
HSV	158°, 47%, 96%
XYZ	53.0953, 75.0486, 68.1873
YIQ	206.7130, -54.7370, -37.7530

Conversions

Conversions Part 2

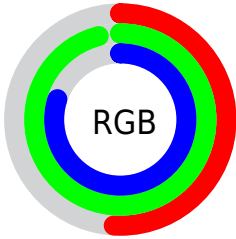
Format	Color
R _Y B	131, 202, 246
Decimal	8648395
CIE Lab	89.42, -42.59, 10.64
CIE LCh	89, 43.897, 165.972
Yxy	75.0486, 0.2704, 0.3823
Android (android.graphics.Color)	4286838475 (0xFF83F6CB)
YUV	206.7130, -1.8305, -66.4003
Hunter-Lab	86.6306, -42.2021, 13.9740

Details

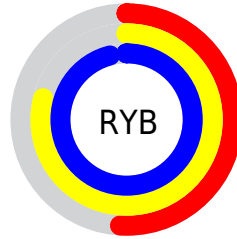
The RGB color **131, 246, 203** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **246, 131, 174**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **189, 255, 255**, and **71, 189, 149** is the 20% darker color. If you saturate the color by 10%, you get **106, 246, 194**, and if you desaturate by 10%, it is **156, 246, 212**.

Distribution



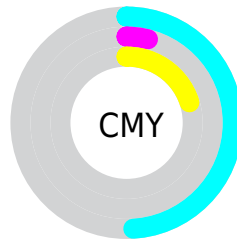
- Red (51%)
- Green (96%)
- Blue (80%)



- Red (51%)
- Yellow (79%)
- Blue (96%)



- Cyan (47%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)




- Cyan (49%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 246, 203 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 131, 246, 203 by changing the saturation by 10% instead.


 131, 246, 203

 131, 246, 203

255, 255, 255

 102, 217, 176


 189, 255, 255

 71, 189, 149


 219, 255, 255

 36, 162, 123

 249, 255, 255

 0, 135, 98

 0, 109, 74

 0, 84, 52

 0, 59, 30

 0, 39, 7

 0, 0, 0

 131, 246, 203

 131, 246, 203

 106, 246, 194

 156, 246, 212

 82, 246, 185

 180, 246, 221

 57, 246, 175

 205, 246, 231

 33, 246, 166

 229, 246, 240

 8, 246, 157

 254, 246, 249

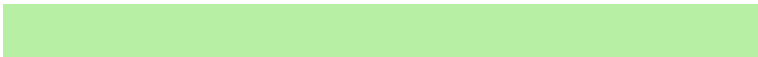
 0, 246, 154

 255, 246, 255

Harmonies

Analogous

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



183, 240, 165



131, 246, 203



79, 247, 246

Triad

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



131, 246, 203



201, 221, 255



255, 201, 166

Complementary

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



131, 246, 203



246, 131, 174

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, 193, 204



131, 246, 203



255, 206, 255

Square

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



131, 246, 203



133, 235, 255



255, 195, 246



255, 215, 144

Rectangle

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



131, 246, 203



63, 245, 255



255, 195, 246



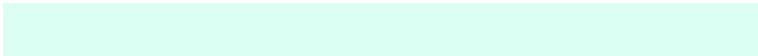
255, 198, 178

Sweetspot

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



131, 246, 203



219, 255, 242



175, 246, 131



106, 128, 119



0, 0, 0



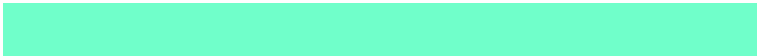
128, 128, 128

Same Dimension

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



131, 246, 203



112, 255, 202



131, 233, 246



110, 122, 118



0, 186, 117



0, 59, 37

Inverse Universe

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



246, 131, 174



255, 112, 166



246, 144, 131



122, 110, 115



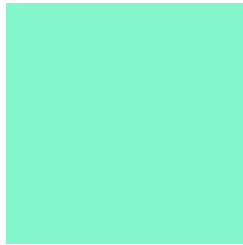
186, 0, 70



59, 0, 22

Previews

White Background



This preview shows how the RGB color 131, 246, 203 looks on a white background.

Color Contrast Check

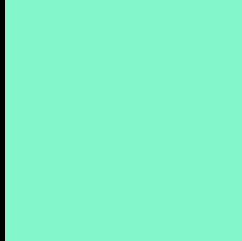
Large Text (above 18pt) WCAG AA × Fail

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 131, 246, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

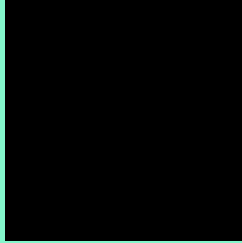
Any Text WCAG AA ✓ Pass

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 131, 246, 203 Background



This preview shows how black text looks on a background with the RGB color 131, 246, 203.



This preview shows how white text looks on a background with the RGB color 131, 246, 203.

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





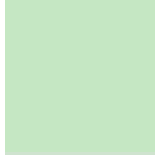
Tritanopia
154, 237, 255

Trichromacy



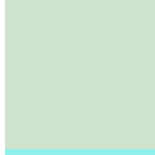
Original Color

131, 246, 203



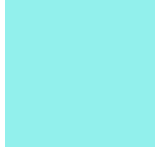
Protanomaly

197, 231, 195



Deuteranomaly

207, 227, 207



Tritanomaly

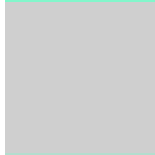
146, 240, 236

Monochromacy



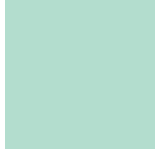
Original Color

131, 246, 203



Achromatopsia

207, 207, 207



Achromatomaly

179, 221, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 246, 203 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(131, 246, 203)` looks like.

```
.text, #text, p{  
    color:rgb(131, 246, 203)  
}
```

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(131, 246, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 246, 203) }
```

Border

The CSS property to change the border of an element to RGB 131, 246, 203 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(131, 246, 203) }
```

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

```
.border{ border-color:rgb(131, 246, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 246, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 246, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 246, 203);  
box-shadow:4px 4px 4px 4px rgb(131, 246,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 131, 246, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 246, 203) }
```

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

```
.background{ background-color: rgb(131,  
246, 203) }
```

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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