

Converting Colors

RGB(100, 255, 194)

Have a look what the booklet for
RGB(100, 255, 194) contains.

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Color

RGB(100, 255, 194)

Conversions

Conversions Part 1

Format	Color
Hex	64FFC2
RGB	100, 255, 194
RGB Percent	39%, 100%, 76%
CMY	0.6078, 0.0000, 0.2392
CMYK	0.61, 0.00, 0.24, 0.00
HSL	156°, 100%, 70%
HSV	156°, 61%, 100%
XYZ	50.7531, 78.1244, 63.4435
YIQ	201.7010, -72.7990, -51.8310

Conversions

Conversions Part 2

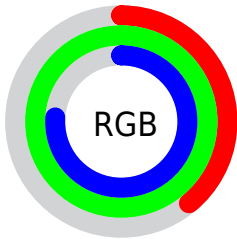
Format	Color
RYB	100, 196, 255
Decimal	6619074
CIELab	90.84, -54.86, 17.15
CIELCh	91, 57.478, 162.636
Yxy	78.1244, 0.2639, 0.4062
Android (android.graphics.Color)	4284809154 (0xFF64FFC2)
YUV	201.7010, -3.7966, -89.1918
Hunter-Lab	88.3880, -52.1828, 19.3142

Details

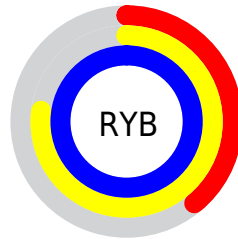
The RGB color **100, 255, 194** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **255, 100, 161**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **163, 255, 251**, and **1, 197, 140** is the 20% darker color. If you saturate the color by 10%, you get **75, 255, 184**, and if you desaturate by 10%, it is **125, 255, 204**.

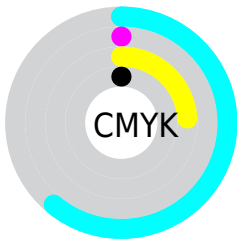
Distribution



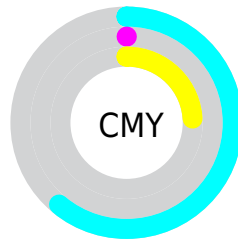
- Red (39%)
- Green (100%)
- Blue (76%)



- Red (39%)
- Yellow (77%)
- Blue (100%)



- Cyan (61%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (61%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 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 100, 255, 194 by changing the saturation by 10% instead.

 100, 255, 194

255, 255, 255

 163, 255, 251

 194, 255, 255


 225, 255, 255


 100, 255, 194


 64, 226, 167

 1, 197, 140

 0, 169, 115

 0, 142, 90

 0, 115, 66

 0, 90, 44

 0, 65, 22

 0, 42, 0

 0, 6, 0

■ 100, 255, 194

■ 100, 255, 194

■ 75, 255, 184

■ 125, 255, 204

■ 49, 255, 174

■ 151, 255, 214

■ 24, 255, 164

■ 177, 255, 224

■ 0, 255, 155

■ 202, 255, 234

■ 227, 255, 244

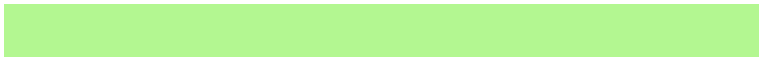
253, 255, 254

255, 255, 255

Harmonies

Analogous

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



179, 247, 145



100, 255, 194



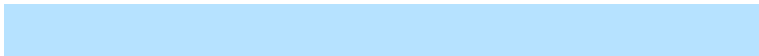
0, 255, 251

Triad

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



100, 255, 194



182, 226, 255



255, 195, 157

Complementary

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



100, 255, 194



255, 100, 161

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, 207



100, 255, 194



255, 205, 255

Square

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



100, 255, 194



38, 244, 255



255, 188, 255



255, 214, 123

Rectangle

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



100, 255, 194



0, 255, 255



255, 188, 255



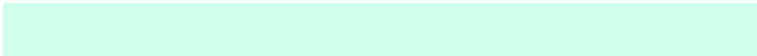
255, 190, 172

Sweetspot

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



100, 255, 194



209, 255, 237



162, 255, 100



99, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



100, 255, 194



69, 255, 182



100, 239, 255



115, 128, 122



0, 191, 116



0, 64, 39

Inverse Universe

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



255, 100, 161



255, 69, 142



255, 115, 100



128, 115, 120



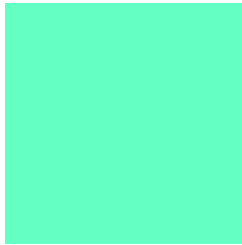
191, 0, 75



64, 0, 25

Previews

White Background



This preview shows how the RGB color 100, 255, 194 looks on a white background.

Color Contrast Check

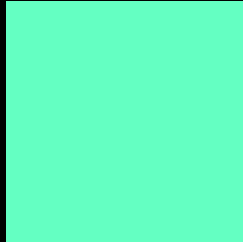
Large Text (above 18pt) WCAG AA × Fail

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 100, 255, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

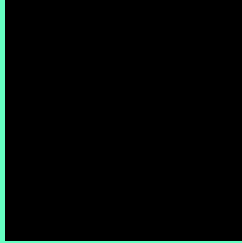
Any Text WCAG AA ✓ Pass

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 100, 255, 194 Background



This preview shows how black text looks on a background with the RGB color 100, 255, 194.

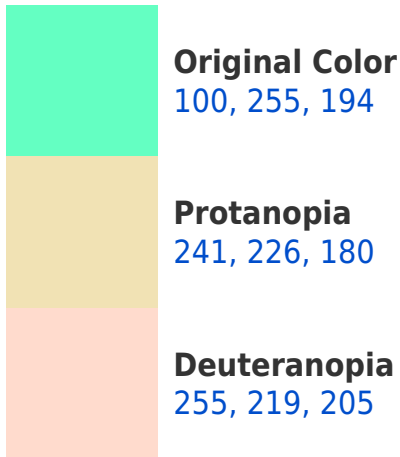


This preview shows how white text looks on a background with the RGB color 100, 255, 194.

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](#).

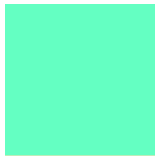
Dichromacy





Tritanopia
162, 240, 255

Trichromacy



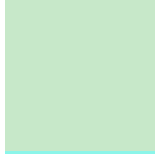
Original Color

100, 255, 194



Protanomaly

190, 237, 185



Deuteranomaly

199, 232, 201



Tritanomaly

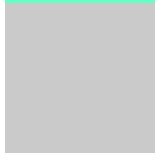
139, 245, 233

Monochromacy



Original Color

100, 255, 194



Achromatopsia

202, 202, 202



Achromatomaly

165, 221, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 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(100, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(100, 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(100, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 255, 194) }
```

Border

The CSS property to change the border of an element to RGB 100, 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(100, 255, 194) }
```

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

```
.border{ border-color:rgb(100, 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(100, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(100, 255,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 100, 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(100, 255, 194) }
```

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

```
.background{ background-color: rgb(100,  
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](#).

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