

Converting Colors

RGB(153, 255, 206)

Have a look what the booklet for
RGB(153, 255, 206) contains.

RGB(153, 255, 206)	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(153, 255, 206)

Conversions

Conversions Part 1

Format	Color
Hex	99FFCE
RGB	153, 255, 206
RGB Percent	60%, 100%, 81%
CMY	0.4000, 0.0000, 0.1922
CMYK	0.40, 0.00, 0.19, 0.00
HSL	151°, 100%, 80%
HSV	151°, 40%, 100%
XYZ	60.0374, 82.7485, 71.2003
YIQ	218.9160, -45.0630, -36.8630

Conversions

Conversions Part 2

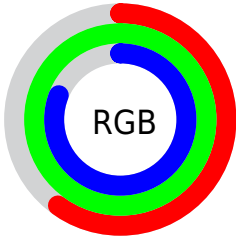
Format	Color
RYB	153, 220, 255
Decimal	10092494
CIELab	92.90, -40.41, 14.17
CIELCh	93, 42.820, 160.674
Yxy	82.7485, 0.2806, 0.3867
Android (android.graphics.Color)	4288282574 (0xFF99FFCE)
YUV	218.9160, -6.3676, -57.8083
Hunter-Lab	90.9662, -41.3814, 17.2694

Details

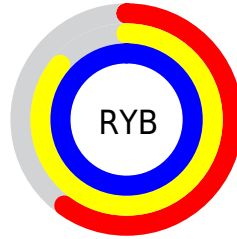
The RGB color **153, 255, 206** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 153, 202**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **211, 255, 255**, and **96, 198, 152** is the 20% darker color. If you saturate the color by 10%, you get **128, 255, 194**, and if you desaturate by 10%, it is **179, 255, 218**.

Distribution



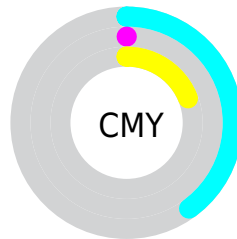
- Red (60%)
- Green (100%)
- Blue (81%)



- Red (60%)
- Yellow (86%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 153, 255, 206 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 153, 255, 206 by changing the saturation by 10% instead.

 153, 255, 206


255, 255, 255


 211, 255, 255


 240, 255, 255


 153, 255, 206

 125, 226, 178

 96, 198, 152

 67, 170, 126

 34, 143, 101

 0, 117, 77

 0, 92, 54

 0, 67, 32

 0, 44, 10

 0, 18, 0

■ 153, 255, 206

■ 153, 255, 206

■ 128, 255, 194

■ 179, 255, 218

■ 102, 255, 181

■ 204, 255, 231

■ 77, 255, 169

■ 230, 255, 243

■ 51, 255, 157

255, 255, 255

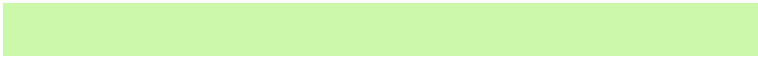
■ 25, 255, 145

■ 0, 255, 132

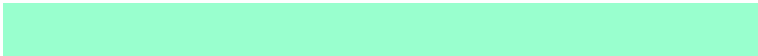
Harmonies

Analogous

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



203, 248, 171



153, 255, 206



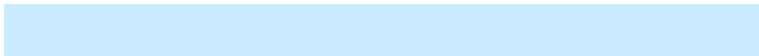
105, 255, 248

Triad

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



153, 255, 206



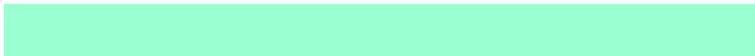
201, 234, 255



255, 210, 183

Complementary

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



153, 255, 206



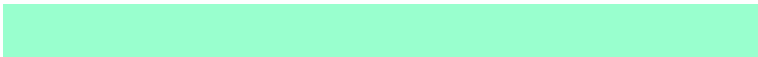
255, 153, 202

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, 203, 221



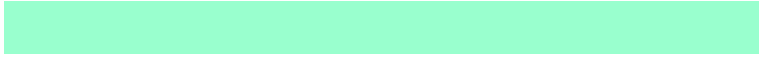
153, 255, 206



255, 219, 255

Square

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



153, 255, 206



136, 246, 255



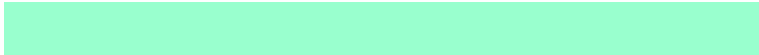
255, 207, 255



255, 223, 157

Rectangle

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



153, 255, 206



88, 255, 255



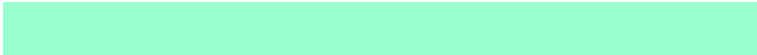
255, 207, 255



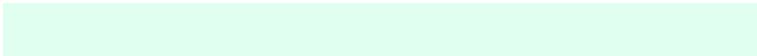
255, 207, 195

Sweetspot

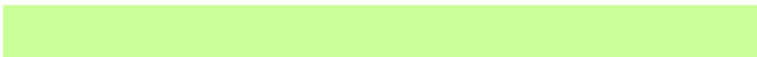
The Sweet Spot groups the original color and five complimentary colors.



153, 255, 206



224, 255, 240



202, 255, 153



110, 128, 119



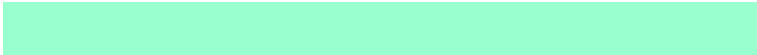
0, 0, 0



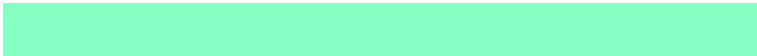
128, 128, 128

Same Dimension

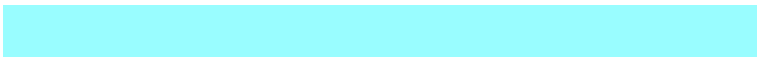
The Same Dimension uses a secret algorithm to generate beautiful new colors.



153, 255, 206



133, 255, 196



153, 253, 255



115, 128, 121



0, 191, 99



0, 64, 33

Inverse Universe

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



255, 153, 202



255, 133, 191



255, 155, 153



128, 115, 121



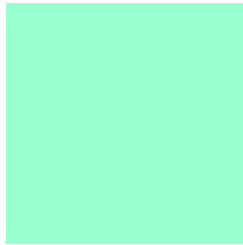
191, 0, 92



64, 0, 31

Previews

White Background



This preview shows how the RGB color 153, 255, 206 looks on a white background.

Color Contrast Check

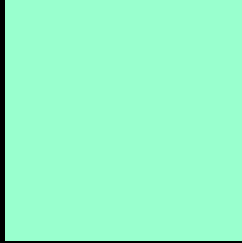
Large Text (above 18pt) WCAG AA × Fail

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 153, 255, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

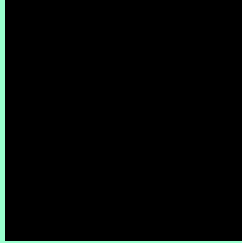
Any Text WCAG AA ✓ Pass

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 153, 255, 206 Background



This preview shows how black text looks on a background with the RGB color 153, 255, 206.

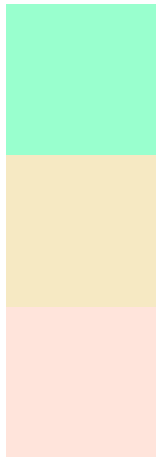


This preview shows how white text looks on a background with the RGB color 153, 255, 206.

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
153, 255, 206

Protanopia
246, 233, 195

Deuteranopia
255, 228, 219



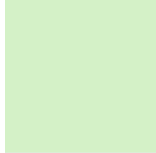
Tritanopia
195, 242, 255

Trichromacy



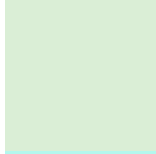
Original Color

153, 255, 206



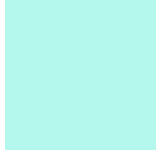
Protanomaly

212, 241, 199



Deuteranomaly

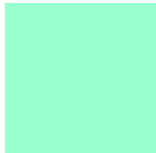
218, 238, 214



Tritanomaly

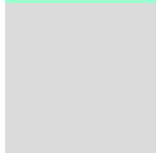
180, 247, 237

Monochromacy



Original Color

153, 255, 206



Achromatopsia

219, 219, 219



Achromatomaly

195, 232, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 153, 255, 206 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(153, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 206)  
}
```

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(153, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 206) }
```

Border

The CSS property to change the border of an element to RGB 153, 255, 206 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(153, 255, 206) }
```

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

```
.border{ border-color:rgb(153, 255, 206) }
```

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

Here you see how a box with a 4 pixel rgb(153, 255, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 153, 255, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 206) }
```

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

```
.background{ background-color: rgb(153,  
255, 206) }
```

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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