

Converting Colors

RGB(149, 255, 197)

Have a look what the booklet for
RGB(149, 255, 197) contains.

RGB(149, 255, 197)	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(149, 255, 197)

Conversions

Conversions Part 1

Format	Color
Hex	95FFC5
RGB	149, 255, 197
RGB Percent	58%, 100%, 77%
CMY	0.4157, 0.0000, 0.2275
CMYK	0.42, 0.00, 0.23, 0.00
HSL	147°, 100%, 79%
HSV	147°, 42%, 100%
XYZ	58.2325, 81.9408, 65.5703
YIQ	216.6940, -44.5580, -40.5100

Conversions

Conversions Part 2

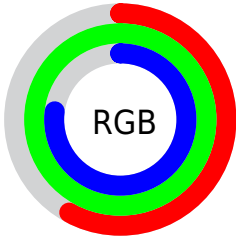
Format	Color
RYB	149, 222, 255
Decimal	9830341
CIELab	92.55, -43.22, 18.26
CIELCh	93, 46.917, 157.096
Yxy	81.9408, 0.2830, 0.3983
Android (android.graphics.Color)	4288020421 (0xFF95FFC5)
YUV	216.6940, -9.7091, -59.3676
Hunter-Lab	90.5211, -43.5825, 20.4172

Details

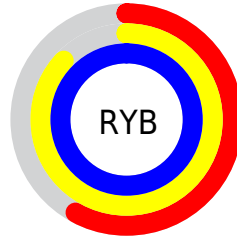
The RGB color **149, 255, 197** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 149, 207**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **207, 255, 254**, and **92, 198, 143** is the 20% darker color. If you saturate the color by 10%, you get **124, 255, 183**, and if you desaturate by 10%, it is **175, 255, 211**.

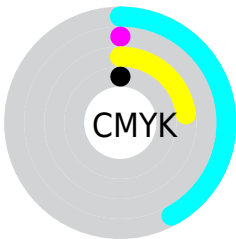
Distribution



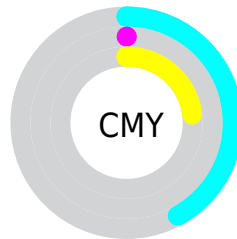
- Red (58%)
- Green (100%)
- Blue (77%)



- Red (58%)
- Yellow (87%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 255, 197 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 149, 255, 197 by changing the saturation by 10% instead.

 149, 255, 197


255, 255, 255


 207, 255, 254

 236, 255, 255


 149, 255, 197

 121, 226, 170

 92, 198, 143

 62, 170, 117


 26, 143, 93

 0, 117, 69

 0, 91, 46

 0, 67, 24

 0, 44, 0

 0, 16, 0

 149, 255, 197

 149, 255, 197

 124, 255, 183

 175, 255, 211


 98, 255, 169

 200, 255, 225

 73, 255, 155

 226, 255, 239

 47, 255, 141

 251, 255, 253

 22, 255, 127

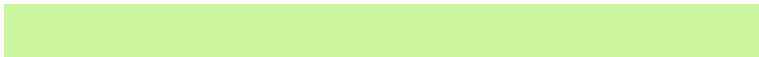
255, 255, 255

 0, 255, 115

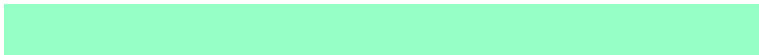
Harmonies

Analogous

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



204, 247, 160



149, 255, 197



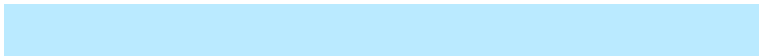
87, 255, 243

Triad

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



149, 255, 197



186, 234, 255



255, 205, 181

Complementary

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



149, 255, 197



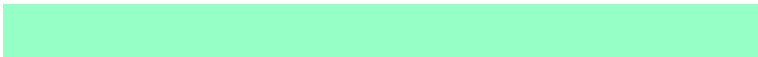
255, 149, 207

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, 198, 224



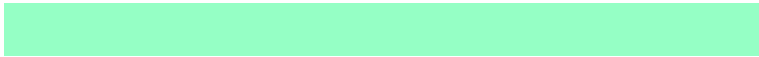
149, 255, 197



253, 218, 255

Square

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



149, 255, 197



108, 248, 255



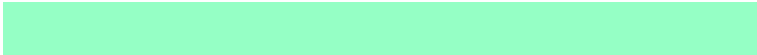
255, 204, 255



255, 219, 151

Rectangle

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



149, 255, 197



50, 255, 255



255, 204, 255



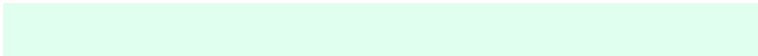
255, 202, 195

Sweetspot

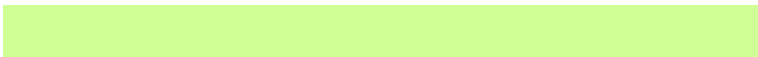
The Sweet Spot groups the original color and five complimentary colors.



149, 255, 197



224, 255, 238



207, 255, 149



110, 128, 118



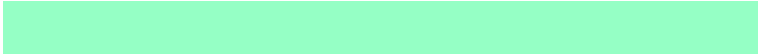
0, 0, 0



128, 128, 128

Same Dimension

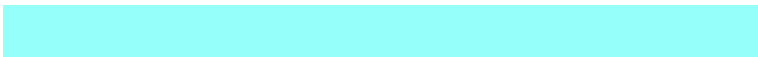
The Same Dimension uses a secret algorithm to generate beautiful new colors.



149, 255, 197



128, 255, 185



149, 255, 250



115, 128, 121



0, 191, 87



0, 64, 29

Inverse Universe

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



255, 149, 207



255, 128, 197



255, 149, 154



128, 115, 122



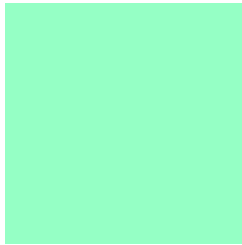
191, 0, 105



64, 0, 35

Previews

White Background



This preview shows how the RGB color 149, 255, 197 looks on a white background.

Color Contrast Check

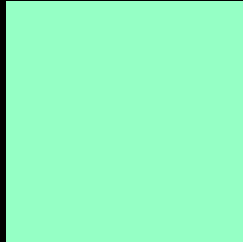
Large Text (above 18pt) WCAG AA × Fail

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 149, 255, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

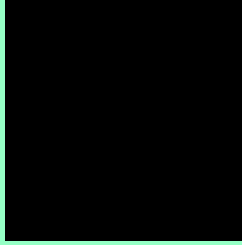
Any Text WCAG AA ✓ Pass

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 149, 255, 197 Background



This preview shows how black text looks on a background with the RGB color 149, 255, 197.

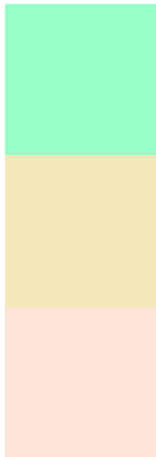


This preview shows how white text looks on a background with the RGB color 149, 255, 197.

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
149, 255, 197

Protanopia
247, 232, 186

Deuteranopia
255, 227, 214



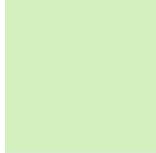
Tritanopia
191, 241, 255

Trichromacy



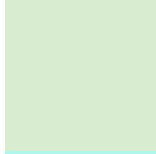
Original Color

149, 255, 197



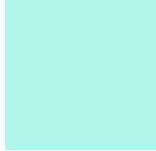
Protanomaly

211, 240, 190



Deuteranomaly

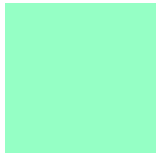
216, 237, 208



Tritanomaly

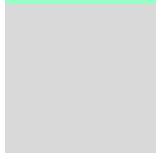
176, 246, 234

Monochromacy



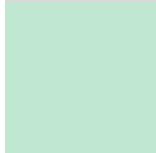
Original Color

149, 255, 197



Achromatopsia

217, 217, 217



Achromatomaly

192, 231, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 255, 197 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(149, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(149, 255, 197)  
}
```

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(149, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 255, 197) }
```

Border

The CSS property to change the border of an element to RGB 149, 255, 197 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(149, 255, 197) }
```

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

```
.border{ border-color:rgb(149, 255, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(149, 255,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 149, 255, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 255, 197) }
```

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

```
.background{ background-color: rgb(149,  
255, 197) }
```

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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