

Converting Colors

RGB(149, 255, 190)

Have a look what the booklet for
RGB(149, 255, 190) contains.

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Color

RGB(149, 255, 190)

Conversions

Conversions Part 1

Format	Color
Hex	95FFBE
RGB	149, 255, 190
RGB Percent	58%, 100%, 75%
CMY	0.4157, 0.0000, 0.2549
CMYK	0.42, 0.00, 0.25, 0.00
HSL	143°, 100%, 79%
HSV	143°, 42%, 100%
XYZ	57.4487, 81.6273, 61.4430
YIQ	215.8960, -42.3110, -42.6870

Conversions

Conversions Part 2

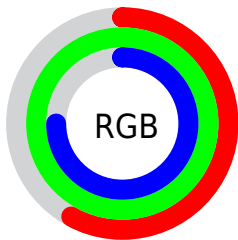
Format	Color
RYB	149, 225, 255
Decimal	9830334
CIELab	92.41, -44.53, 21.64
CIELCh	92, 49.514, 154.083
Yxy	81.6273, 0.2865, 0.4071
Android (android.graphics.Color)	4288020414 (0xFF95FFBE)
YUV	215.8960, -12.7667, -58.6678
Hunter-Lab	90.3478, -44.6074, 22.9220

Details

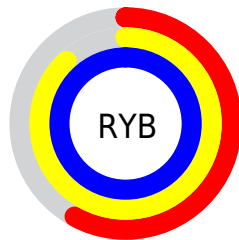
The RGB color **149, 255, 190** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 149, 214**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **207, 255, 246**, and **92, 198, 136** is the 20% darker color. If you saturate the color by 10%, you get **124, 255, 174**, and if you desaturate by 10%, it is **175, 255, 206**.

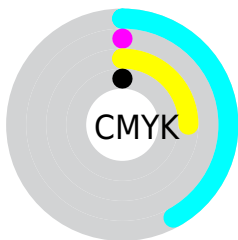
Distribution



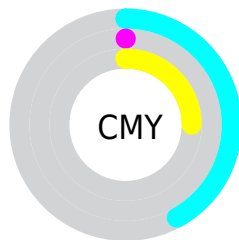
- Red (58%)
- Green (100%)
- Blue (75%)



- Red (58%)
- Yellow (88%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 255, 190 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, 190 by changing the saturation by 10% instead.

 149, 255, 190


255, 255, 255


 207, 255, 246

 236, 255, 255


 149, 255, 190

 121, 226, 163

 92, 198, 136

 62, 170, 111

 27, 143, 86

 0, 117, 62

 0, 91, 40

 0, 67, 18

 0, 44, 0

 0, 16, 0

■ 149, 255, 190

■ 149, 255, 190

■ 124, 255, 174

■ 175, 255, 206

■ 98, 255, 159

■ 200, 255, 221

■ 73, 255, 143

■ 226, 255, 237

■ 47, 255, 127

■ 251, 255, 253

■ 22, 255, 112

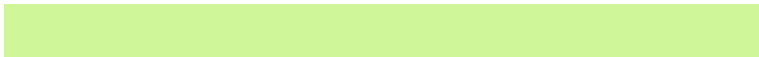
255, 255, 255

■ 0, 255, 99

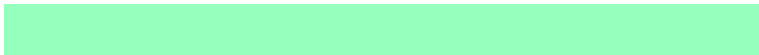
Harmonies

Analogous

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



207, 246, 153



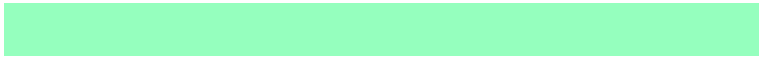
149, 255, 190



77, 255, 238

Triad

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



149, 255, 190



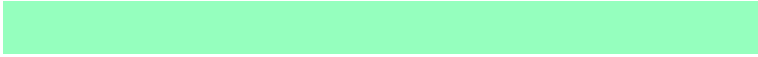
174, 236, 255



255, 201, 182

Complementary

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



149, 255, 190



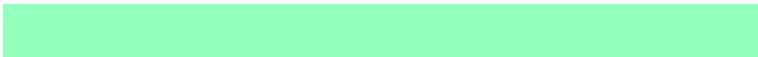
255, 149, 214

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, 196, 228



149, 255, 190



247, 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, 190



82, 249, 255



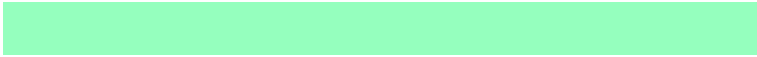
255, 203, 255



255, 216, 148

Rectangle

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



149, 255, 190



0, 255, 255



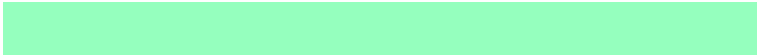
255, 203, 255



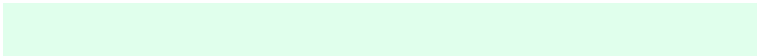
255, 198, 197

Sweetspot

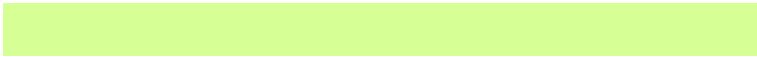
The Sweet Spot groups the original color and five complimentary colors.



149, 255, 190



224, 255, 236



214, 255, 149



110, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



149, 255, 190



128, 255, 177



149, 255, 243



115, 128, 120



0, 191, 74



0, 64, 25

Inverse Universe

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



255, 149, 214



255, 128, 206



255, 149, 161



128, 115, 123



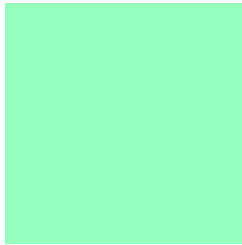
191, 0, 117



64, 0, 39

Previews

White Background



This preview shows how the RGB color 149, 255, 190 looks on a white background.

Color Contrast Check

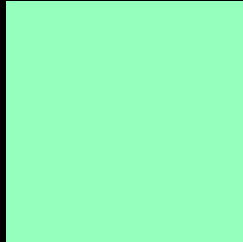
Large Text (above 18pt) WCAG AA × Fail

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, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

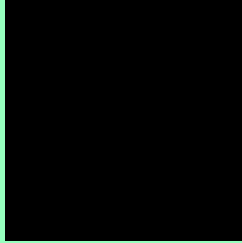
Any Text WCAG AA ✓ Pass

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, 190 Background



This preview shows how black text looks on a background with the RGB color 149, 255, 190.

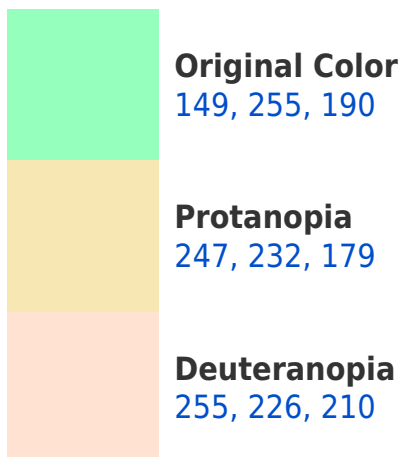


This preview shows how white text looks on a background with the RGB color 149, 255, 190.

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





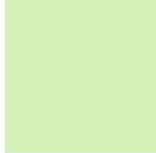
Tritanopia
190, 241, 255

Trichromacy



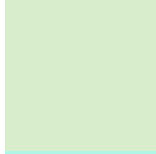
Original Color

149, 255, 190



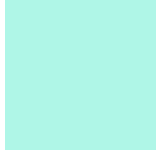
Protanomaly

211, 240, 183



Deuteranomaly

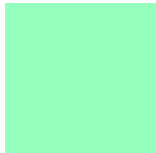
216, 237, 203



Tritanomaly

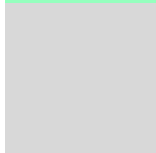
175, 246, 231

Monochromacy



Original Color

149, 255, 190



Achromatopsia

216, 216, 216



Achromatomaly

192, 230, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 255, 190 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(149, 255, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 255, 190) }
```

Border

The CSS property to change the border of an element to RGB 149, 255, 190 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, 190) }
```

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

```
.border{ border-color:rgb(149, 255, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(149, 255,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 149, 255, 190 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, 190) }
```

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

```
.background{ background-color: rgb(149,  
255, 190) }
```

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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