

Converting Colors

RGB(157, 255, 190)

Have a look what the booklet for
RGB(157, 255, 190) contains.

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Color

RGB(157, 255, 190)

Conversions

Conversions Part 1

Format	Color
Hex	9DFFBE
RGB	157, 255, 190
RGB Percent	62%, 100%, 75%
CMY	0.3843, 0.0000, 0.2549
CMYK	0.38, 0.00, 0.25, 0.00
HSL	140°, 100%, 81%
HSV	140°, 38%, 100%
XYZ	58.9589, 82.4058, 61.5136
YIQ	218.2880, -37.5430, -40.9910

Conversions

Conversions Part 2

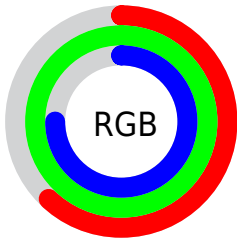
Format	Color
RYB	157, 230, 255
Decimal	10354622
CIELab	92.75, -42.34, 22.17
CIELCh	93, 47.796, 152.364
Yxy	82.4058, 0.2906, 0.4062
Android (android.graphics.Color)	4288544702 (0xFF9DFFBE)
YUV	218.2880, -13.9460, -53.7496
Hunter-Lab	90.7776, -42.9275, 23.3677

Details

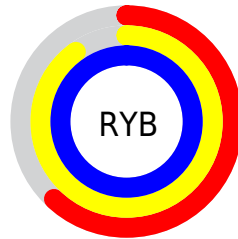
The RGB color **157, 255, 190** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 157, 222**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **215, 255, 247**, and **101, 198, 136** is the 20% darker color. If you saturate the color by 10%, you get **132, 255, 173**, and if you desaturate by 10%, it is **183, 255, 207**.

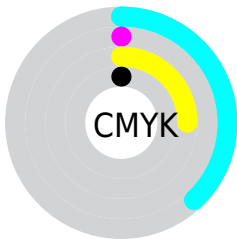
Distribution



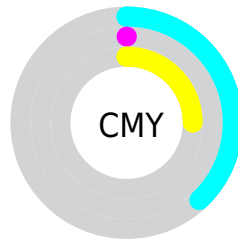
- Red (62%)
- Green (100%)
- Blue (75%)



- Red (62%)
- Yellow (90%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 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 157, 255, 190 by changing the saturation by 10% instead.

 157, 255, 190


255, 255, 255


 215, 255, 247


 244, 255, 255


 157, 255, 190


 129, 226, 163

 101, 198, 136

 73, 170, 111

 42, 143, 86

 0, 117, 62

 0, 91, 40

 0, 67, 18

 0, 44, 0

 0, 17, 0

■ 157, 255, 190

■ 157, 255, 190

■ 132, 255, 173

■ 183, 255, 207

■ 106, 255, 156

■ 208, 255, 224

■ 81, 255, 139

■ 234, 255, 241

■ 55, 255, 122

255, 255, 255

■ 29, 255, 105

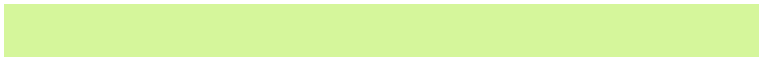
■ 4, 255, 89

■ 0, 255, 86

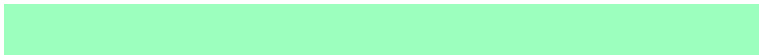
Harmonies

Analogous

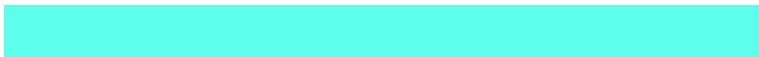
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213, 246, 155



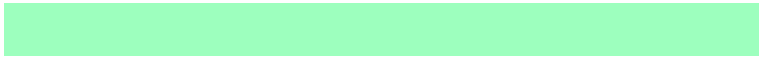
157, 255, 190



93, 255, 236

Triad

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



157, 255, 190



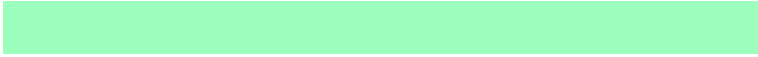
173, 237, 255



255, 203, 187

Complementary

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



157, 255, 190



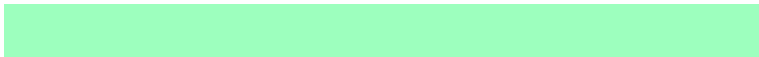
255, 157, 222

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, 232



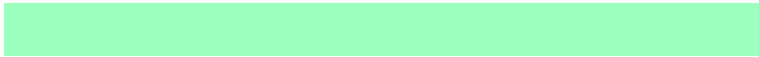
157, 255, 190



244, 221, 255

Square

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



157, 255, 190



91, 250, 255



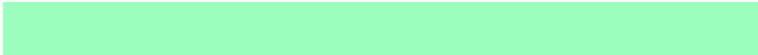
255, 206, 255



255, 217, 154

Rectangle

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



157, 255, 190



47, 255, 255



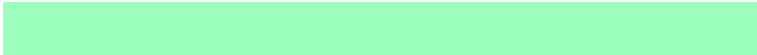
255, 206, 255



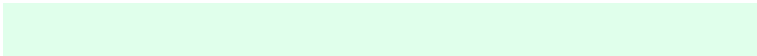
255, 200, 202

Sweetspot

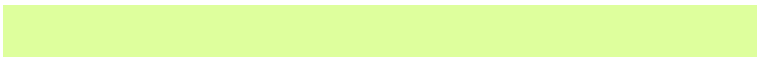
The Sweet Spot groups the original color and five complimentary colors.



157, 255, 190



224, 255, 235



222, 255, 157



110, 128, 116



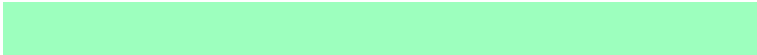
0, 0, 0



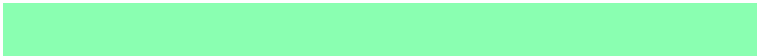
128, 128, 128

Same Dimension

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



157, 255, 190



138, 255, 177



157, 255, 239



115, 128, 119



0, 191, 64



0, 64, 21

Inverse Universe

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



255, 157, 222



255, 138, 216



255, 157, 173



128, 115, 123



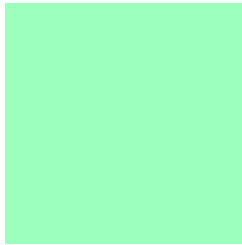
191, 0, 127



64, 0, 42

Previews

White Background



This preview shows how the RGB color 157, 255, 190 looks on a white background.

Color Contrast Check

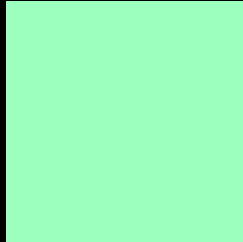
Large Text (above 18pt) WCAG AA × Fail

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 157, 255, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

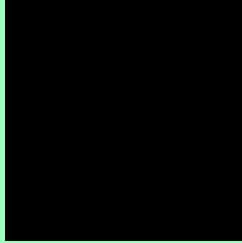
Any Text WCAG AA ✓ Pass

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 157, 255, 190 Background



This preview shows how black text looks on a background with the RGB color 157, 255, 190.

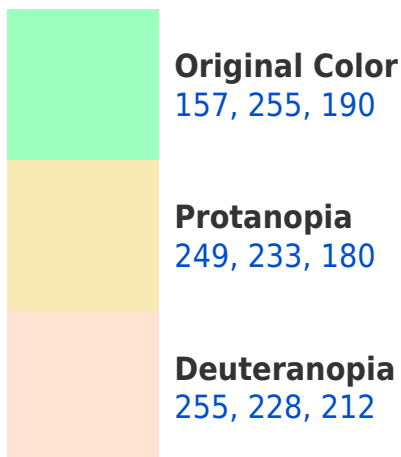


This preview shows how white text looks on a background with the RGB color 157, 255, 190.

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](#).

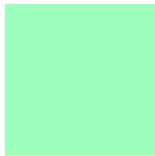
Dichromacy





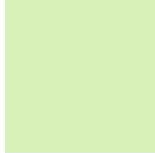
Tritanopia
195, 241, 255

Trichromacy



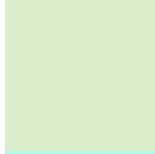
Original Color

157, 255, 190



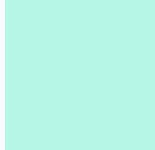
Protanomaly

216, 241, 184



Deuteranomaly

219, 238, 204



Tritanomaly

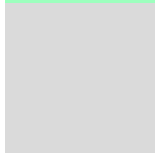
181, 246, 231

Monochromacy



Original Color

157, 255, 190



Achromatopsia

218, 218, 218



Achromatomaly

196, 231, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 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(157, 255, 190)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 255, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 255, 190) }
```

Border

The CSS property to change the border of an element to RGB 157, 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(157, 255, 190) }
```

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

```
.border{ border-color:rgb(157, 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(157, 255, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(157, 255,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 157, 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(157, 255, 190) }
```

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

```
.background{ background-color: rgb(157,  
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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