

Converting Colors

`RYB(151, 255, 252)`

Have a look what the booklet for
RYB(151, 255, 252) contains.

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Color

R_YB(151, 255, 252)

Conversions

Conversions Part 1

Format	Color
Hex	9AFF97
RGB	154, 255, 151
RGB Percent	60%, 100%, 59%
CMY	0.3961, 0.0000, 0.4078
CMYK	0.40, 0.00, 0.41, 0.00
HSL	118°, 100%, 80%
HSV	118°, 41%, 100%
XYZ	54.6723, 80.6244, 41.9587
YIQ	212.9450, -26.8120, -53.7560

Conversions

Conversions Part 2

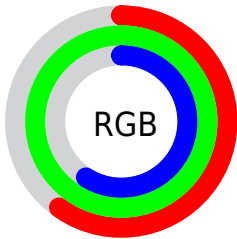
Format	Color
RYB	151, 255, 252
Decimal	10157975
CIELab	91.96, -49.54, 40.60
CIELCh	92, 64.051, 140.658
Yxy	80.6244, 0.3084, 0.4548
Android (android.graphics.Color)	4288348055 (0xFF9AFF97)
YUV	212.9450, -30.5389, -51.6948
Hunter-Lab	89.7911, -48.4486, 35.1480

Details

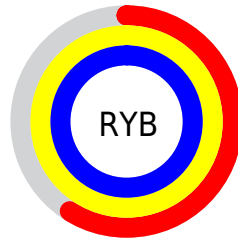
The RYB color **151, 255, 252** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **252, 151, 255**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **206, 255, 249**, and **97, 197, 198** is the 20% darker color. If you saturate the color by 10%, you get **126, 255, 252**, and if you desaturate by 10%, it is **177, 255, 253**.

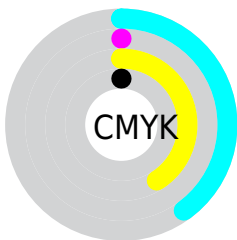
Distribution



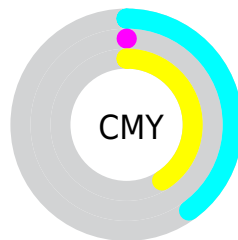
- Red (60%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (99%)



- Cyan (40%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)




- Cyan (40%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 255, 252 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 RYB color 151, 255, 252 by changing the saturation by 10% instead.

 151, 255, 252


255, 255, 255


 206, 255, 249


 235, 255, 248

 151, 255, 252

 124, 226, 225

 97, 197, 198

 67, 164, 170


 34, 131, 143

 0, 98, 116

 0, 91, 91

 0, 66, 66

 0, 45, 45

 0, 13, 13

 151, 255, 252

 151, 255, 252

 126, 255, 252

 177, 255, 253

 100, 255, 251

 202, 255, 253

 75, 255, 250

 228, 255, 255

 49, 255, 249

 253, 255, 255

 24, 255, 249

 255, 255, 255

 0, 255, 248

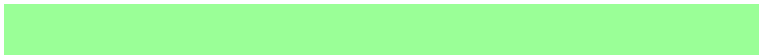
Harmonies

Analogous

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



112, 242, 128



151, 255, 252



0, 140, 255

Triad

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



151, 255, 252



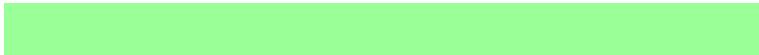
48, 149, 255



255, 182, 192

Complementary

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



151, 255, 252



252, 151, 255

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, 182, 254



151, 255, 252



205, 218, 255

Square

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



151, 255, 252



0, 128, 255



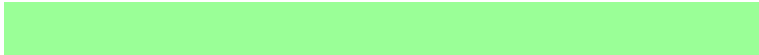
255, 199, 255



247, 255, 139

Rectangle

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



151, 255, 252



0, 128, 255



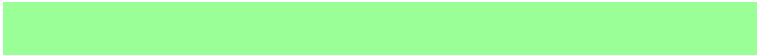
255, 199, 255



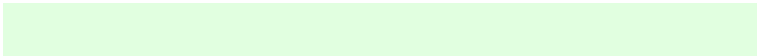
255, 180, 212

Sweetspot

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



151, 255, 252



224, 255, 254



154, 255, 151



110, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

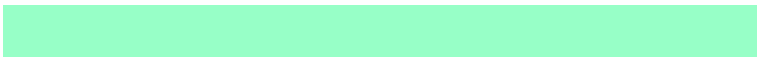
The Same Dimension uses a secret algorithm to generate beautiful new colors.



151, 255, 252



130, 255, 251



151, 222, 255



115, 128, 128



0, 191, 185



0, 64, 62

Inverse Universe

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



252, 151, 255



251, 130, 255



255, 151, 206



127, 115, 128



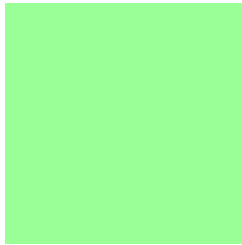
186, 0, 191



62, 0, 64

Previews

White Background



This preview shows how the RYB color 151, 255, 252 looks on a white background.

Color Contrast Check

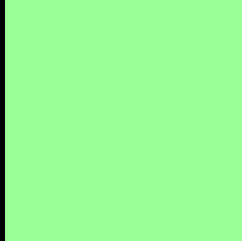
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 151, 255, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

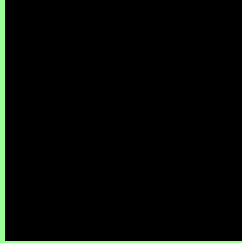
Any Text WCAG AA ✓ Pass

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](#).

RYB 151, 255, 252 Background



This preview shows how black text looks on a background with the RYB color 151, 255, 252.

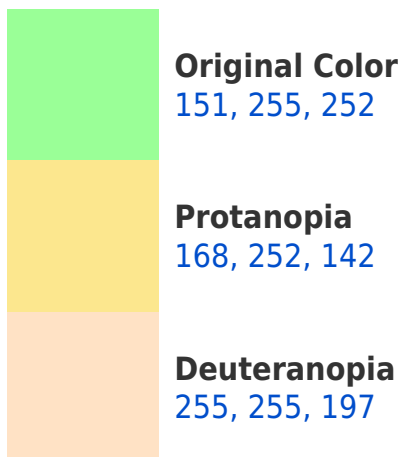


This preview shows how white text looks on a background with the RYB color 151, 255, 252.

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



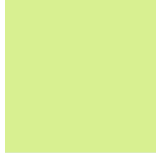


Tritanopia
189, 218, 255

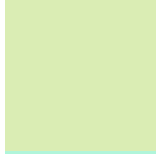
Trichromacy



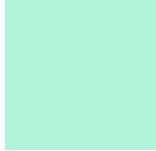
Original Color
151, 255, 252



Protanomaly
145, 240, 169

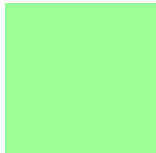


Deuteranomaly
180, 237, 199

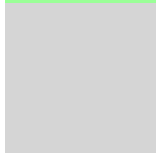


Tritanomaly
176, 219, 245

Monochromacy



Original Color
151, 255, 252



Achromatopsia
213, 213, 213



Achromatomaly
190, 228, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 255, 252 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(154, 255, 151)` looks like.

```
.text, #text, p{  
    color:rgb(154, 255, 151)  
}
```

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(154, 255, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 255, 151) }
```

Border

The CSS property to change the border of an element to RYB 151, 255, 252 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(154, 255, 151) }
```

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

```
.border{ border-color:rgb(154, 255, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 255, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 255, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 255, 151);  
box-shadow:4px 4px 4px 4px rgb(154, 255,  
151) }
```

Background

The CSS property to change the background color of an element to RYB 151, 255, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 255, 151) }
```

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

```
.background{ background-color: rgb(154,  
255, 151) }
```

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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