

Converting Colors

`RYB(167, 251, 251)`

Have a look what the booklet for
RYB(167, 251, 251) contains.

RYB(167, 251, 251)	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

R_YB(167, 251, 251)

Conversions

Conversions Part 1

Format	Color
Hex	A7FBA7
RGB	167, 251, 167
RGB Percent	65%, 98%, 65%
CMY	0.3451, 0.0157, 0.3451
CMYK	0.33, 0.00, 0.33, 0.02
HSL	120°, 91%, 82%
HSV	120°, 33%, 98%
XYZ	57.4086, 79.9999, 48.9750
YIQ	216.3080, -23.1000, -43.9320

Conversions

Conversions Part 2

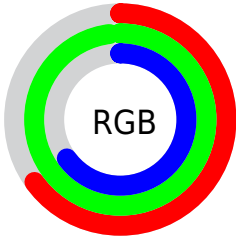
Format	Color
RYB	167, 251, 251
Decimal	11008935
CIELab	91.68, -41.51, 32.42
CIElCh	92, 52.671, 142.003
Yxy	79.9999, 0.3080, 0.4292
Android (android.graphics.Color)	4289199015 (0xFFA7FBA7)
YUV	216.3080, -24.3088, -43.2431
Hunter-Lab	89.4426, -41.9548, 30.1452

Details

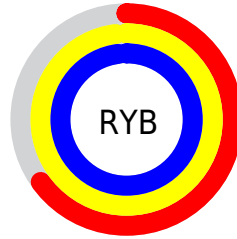
The RYB color **167, 251, 251** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **251, 167, 251**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **223, 255, 254**, and **112, 192, 194** is the 20% darker color. If you saturate the color by 10%, you get **142, 251, 251**, and if you desaturate by 10%, it is **192, 251, 251**.

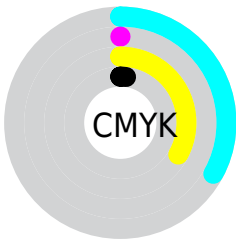
Distribution



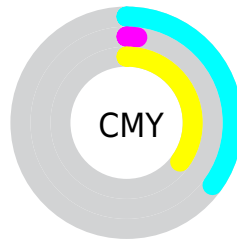
- Red (65%)
- Green (98%)
- Blue (65%)



- Red (65%)
- Yellow (98%)
- Blue (98%)



- Cyan (33%)
- Magenta (0%)
- Yellow (33%)
- Black (2%)



- Cyan (35%)
- Magenta (2%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 251, 251 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 167, 251, 251 by changing the saturation by 10% instead.

 167, 251, 251

255, 255, 255


 223, 255, 254


 251, 255, 252


 167, 251, 251

 139, 221, 222

 112, 192, 194

 84, 161, 166


 56, 132, 140

 25, 100, 114

 0, 74, 88

 0, 64, 64

 0, 42, 42

 0, 11, 11

 167, 251, 251

 167, 251, 251

 142, 251, 251

 192, 251, 251

 117, 251, 251

 217, 251, 251

 92, 251, 251

 242, 251, 251

 67, 251, 251

 255, 251, 255

 41, 251, 251

 16, 251, 251

 0, 251, 251

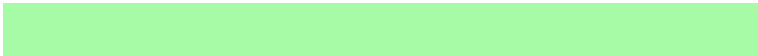
Harmonies

Analogous

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



135, 240, 149



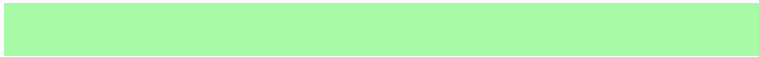
167, 251, 251



93, 185, 255

Triad

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



167, 251, 251



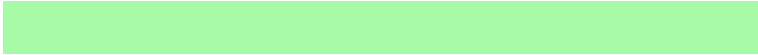
125, 186, 255



255, 193, 196

Complementary

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



167, 251, 251



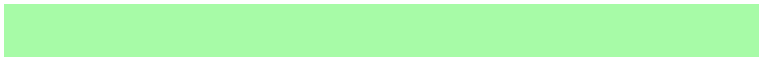
251, 167, 251

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, 192, 247



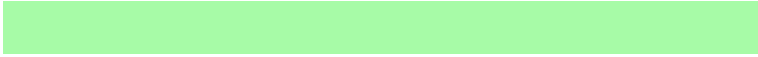
167, 251, 251



216, 222, 255

Square

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



167, 251, 251



0, 127, 255



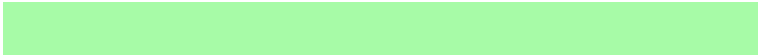
255, 204, 255



247, 255, 153

Rectangle

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



167, 251, 251



0, 129, 255



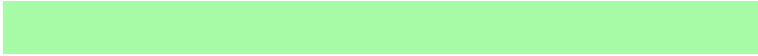
255, 204, 255



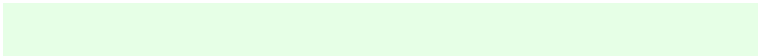
255, 191, 213

Sweetspot

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



167, 251, 251



230, 255, 255



167, 251, 167



112, 128, 128



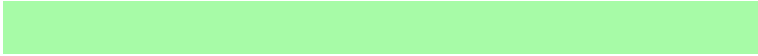
0, 0, 0



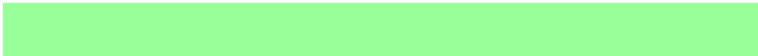
128, 128, 128

Same Dimension

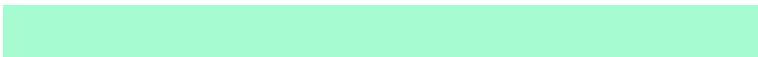
The Same Dimension uses a secret algorithm to generate beautiful new colors.



167, 251, 251



153, 255, 255



167, 223, 251



112, 125, 125



0, 189, 189



0, 61, 61

Inverse Universe

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



251, 167, 251



255, 153, 255



251, 167, 209



125, 112, 125



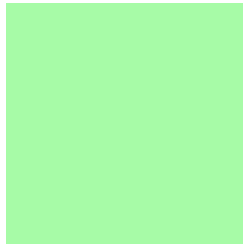
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RYB color 167, 251, 251 looks on a white background.

Color Contrast Check

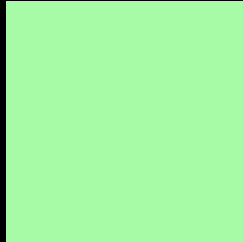
Large Text (above 18pt) WCAG AA × Fail

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 167, 251, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

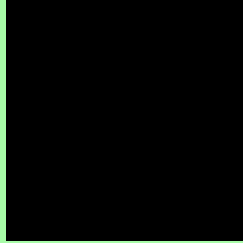
Any Text WCAG AA ✓ Pass

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 167, 251, 251 Background



This preview shows how black text looks on a background with the RYB color 167, 251, 251.

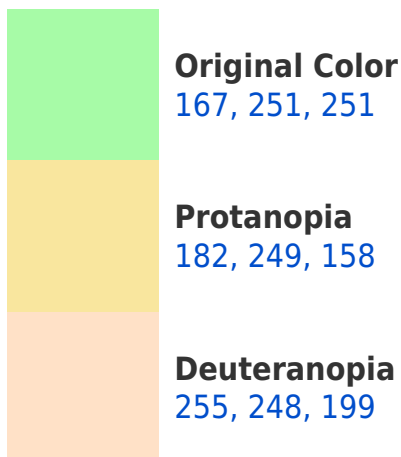


This preview shows how white text looks on a background with the RYB color 167, 251, 251.

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





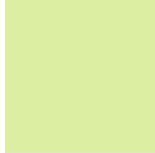
Tritanopia
191, 218, 255

Trichromacy



Original Color

167, 251, 251



Protanomaly

161, 238, 180



Deuteranomaly

187, 234, 198



Tritanomaly

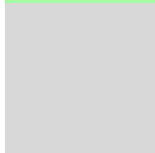
182, 218, 243

Monochromacy



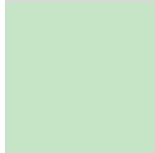
Original Color

167, 251, 251



Achromatopsia

216, 216, 216



Achromatomaly

198, 229, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 251, 251 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(167, 251, 167)` looks like.

```
.text, #text, p{  
    color:rgb(167, 251, 167)  
}
```

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(167, 251, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 251, 167) }
```

Border

The CSS property to change the border of an element to RYB 167, 251, 251 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(167, 251, 167) }
```

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

```
.border{ border-color:rgb(167, 251, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 251, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 251, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 251, 167);  
box-shadow:4px 4px 4px 4px rgb(167, 251,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 167, 251, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 251, 167) }
```

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

```
.background{ background-color: rgb(167,  
251, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor