

Converting Colors

`RYB(167, 247, 247)`

Have a look what the booklet for
RYB(167, 247, 247) contains.

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Color

R_YB(167, 247, 247)

Conversions

Conversions Part 1

Format	Color
Hex	A7F7A7
RGB	167, 247, 167
RGB Percent	65%, 97%, 65%
CMY	0.3451, 0.0314, 0.3451
CMYK	0.32, 0.00, 0.32, 0.03
HSL	120°, 83%, 81%
HSV	120°, 32%, 97%
XYZ	56.1722, 77.5270, 48.5628
YIQ	213.9600, -22.0000, -41.8400

Conversions

Conversions Part 2

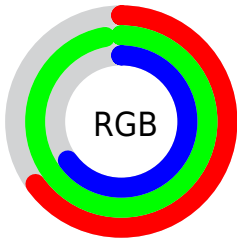
Format	Color
RYB	167, 247, 247
Decimal	11007911
CIELab	90.56, -39.73, 30.92
CIElCh	91, 50.346, 142.106
Yxy	77.5270, 0.3082, 0.4254
Android (android.graphics.Color)	4289197991 (0xFFA7F7A7)
YUV	213.9600, -23.1513, -41.1839
Hunter-Lab	88.0494, -40.2104, 28.9338

Details

The RYB color **167, 247, 247** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **247, 167, 247**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **223, 255, 254**, and **112, 188, 190** is the 20% darker color. If you saturate the color by 10%, you get **142, 247, 247**, and if you desaturate by 10%, it is **192, 247, 247**.

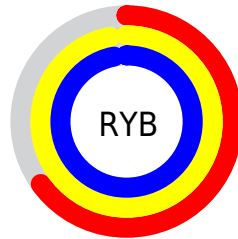
Distribution



Red (65%)

Green (97%)

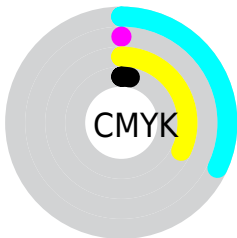
Blue (65%)



Red (65%)

Yellow (97%)

Blue (97%)

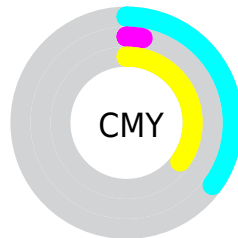


Cyan (32%)

Magenta (0%)

Yellow (32%)

Black (3%)



Cyan (35%)

Magenta (3%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 247, 247 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, 247, 247 by changing the saturation by 10% instead.

 167, 247, 247

255, 255, 255


 223, 255, 254


 251, 255, 253

 167, 247, 247

 139, 217, 218

 112, 188, 190

 85, 159, 163

 58, 130, 136

 27, 98, 110

 0, 70, 85

 0, 61, 61

 0, 40, 40

 0, 4, 4

 167, 247, 247

 167, 247, 247


 142, 247, 247

 192, 247, 247

 118, 247, 247

 216, 247, 247

 93, 247, 247

 241, 247, 247

 68, 247, 247

 255, 247, 255

 44, 247, 247

 19, 247, 247

 0, 247, 247

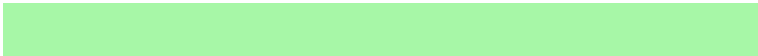
Harmonies

Analogous

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



137, 236, 150



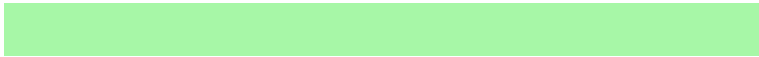
167, 247, 247



99, 187, 253

Triad

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



167, 247, 247



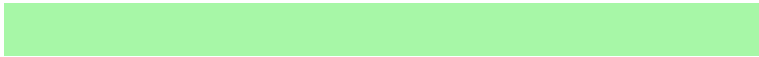
130, 188, 255



255, 192, 194

Complementary

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



167, 247, 247



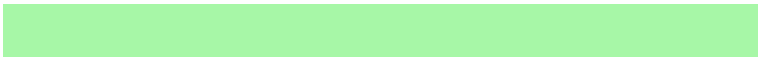
247, 167, 247

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, 191, 243



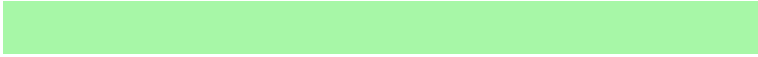
167, 247, 247



214, 219, 255

Square

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



167, 247, 247



0, 126, 255



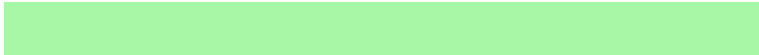
255, 203, 255



255, 253, 154

Rectangle

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



167, 247, 247



26, 142, 254



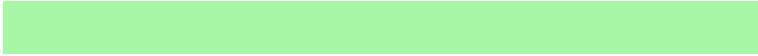
255, 203, 255



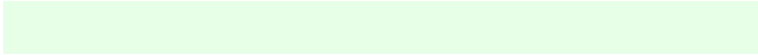
255, 190, 210

Sweetspot

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



167, 247, 247



230, 255, 255



167, 247, 167



112, 128, 128



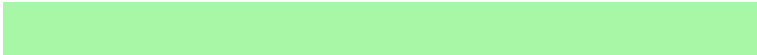
0, 0, 0



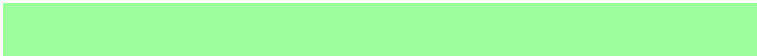
128, 128, 128

Same Dimension

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



167, 247, 247



156, 255, 255



167, 220, 247



110, 122, 122



0, 186, 186



0, 59, 59

Inverse Universe

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



247, 167, 247



255, 156, 255



247, 167, 207



122, 110, 122



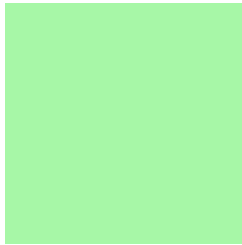
186, 0, 186



59, 0, 59

Previews

White Background



This preview shows how the RYB color 167, 247, 247 looks on a white background.

Color Contrast Check

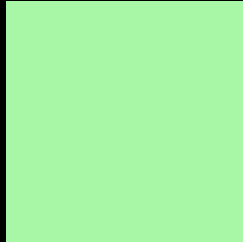
Large Text (above 18pt) WCAG AA × Fail

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, 247, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

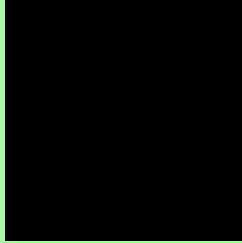
Any Text WCAG AA ✓ Pass

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, 247, 247 Background



This preview shows how black text looks on a background with the RYB color 167, 247, 247.

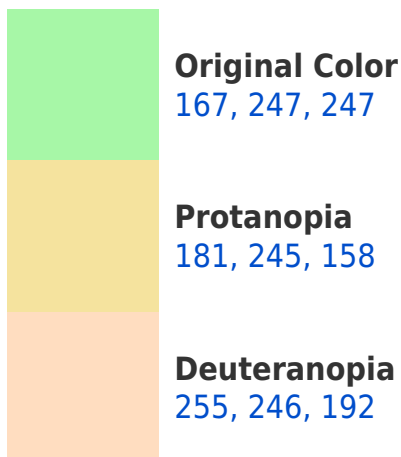


This preview shows how white text looks on a background with the RYB color 167, 247, 247.

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





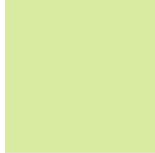
Tritanopia
183, 214, 255

Trichromacy



Original Color

167, 247, 247



Protanomaly

161, 234, 178



Deuteranomaly

183, 230, 190



Tritanomaly

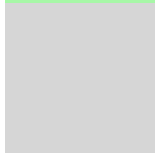
177, 213, 240

Monochromacy



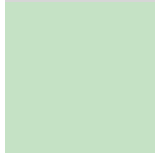
Original Color

167, 247, 247



Achromatopsia

214, 214, 214



Achromatomaly

197, 226, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 247, 247 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, 247, 167)` looks like.

```
.text, #text, p{  
    color:rgb(167, 247, 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, 247, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 247, 167) }
```

Border

The CSS property to change the border of an element to RYB 167, 247, 247 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, 247, 167) }
```

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

```
.border{ border-color:rgb(167, 247, 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, 247, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 247, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 247, 167);  
box-shadow:4px 4px 4px 4px rgb(167, 247,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 167, 247, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 247, 167) }
```

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

```
.background{ background-color: rgb(167,  
247, 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](#).

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