

Converting Colors

RGB(168, 247, 169)

Have a look what the booklet for
RGB(168, 247, 169) contains.

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Color

RGB(168, 247, 169)

Conversions

Conversions Part 1

Format	Color
Hex	A8F7A9
RGB	168, 247, 169
RGB Percent	66%, 97%, 66%
CMY	0.3412, 0.0314, 0.3373
CMYK	0.32, 0.00, 0.32, 0.03
HSL	121°, 83%, 81%
HSV	121°, 32%, 97%
XYZ	56.5706, 77.7109, 49.5542
YIQ	214.4870, -22.0460, -41.0060

Conversions

Conversions Part 2

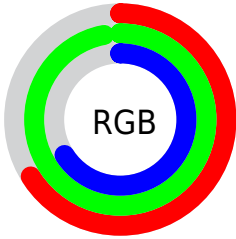
Format	Color
R_{YB}	168, 246, 247
Decimal	11073449
CIE _{Lab}	90.65, -39.10, 30.04
CIE _{LCh}	91, 49.307, 142.472
Yxy	77.7109, 0.3077, 0.4227
Android (android.graphics.Color)	4289263529 (0xFFA8F7A9)
YUV	214.4870, -22.4251, -40.7691
Hunter-Lab	88.1538, -39.7210, 28.3787

Details

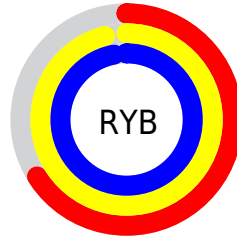
The RGB color **168, 247, 169** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **247, 168, 246**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **225, 255, 225**, and **113, 190, 116** is the 20% darker color. If you saturate the color by 10%, you get **143, 247, 145**, and if you desaturate by 10%, it is **193, 247, 193**.

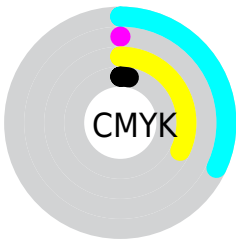
Distribution



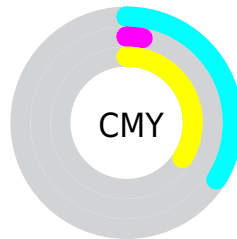
- Red (66%)
- Green (97%)
- Blue (66%)



- Red (66%)
- Yellow (96%)
- Blue (97%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (3%)



- Cyan (34%)
- Magenta (3%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 247, 169 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 168, 247, 169 by changing the saturation by 10% instead.

 168, 247, 169

255, 255, 255

 225, 255, 225


 254, 255, 253

 168, 247, 169


 140, 218, 142

 113, 190, 116

 86, 163, 91

 59, 136, 67

 29, 110, 43

 0, 85, 20

 0, 61, 0

 0, 40, 0

 0, 4, 0

 168, 247, 169

 168, 247, 169

 143, 247, 145

 193, 247, 193

 119, 247, 120

 217, 247, 218

 94, 247, 96

 242, 247, 242

 69, 247, 71

 255, 247, 255

 44, 247, 47

 20, 247, 23

 0, 247, 3

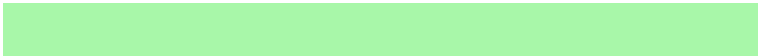
Harmonies

Analogous

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



223, 236, 139



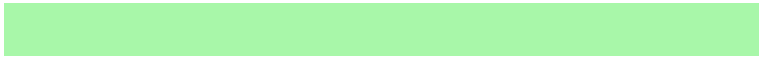
168, 247, 169



103, 253, 214

Triad

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



168, 247, 169



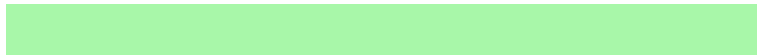
135, 237, 255



255, 193, 195

Complementary

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



168, 247, 169



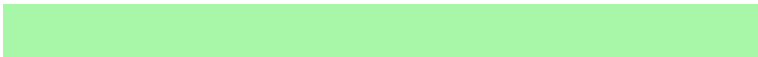
247, 168, 246

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, 242



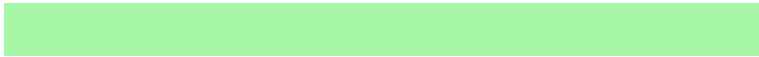
168, 247, 169



216, 220, 255

Square

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



168, 247, 169



21, 248, 255



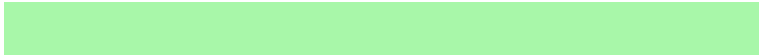
255, 203, 255



255, 205, 155

Rectangle

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



168, 247, 169



42, 253, 247



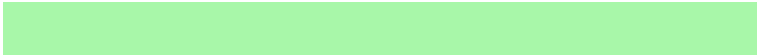
255, 203, 255



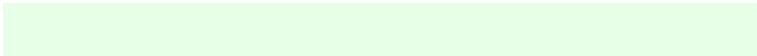
255, 191, 210

Sweetspot

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



168, 247, 169



230, 255, 230



247, 247, 168



112, 128, 112



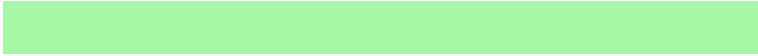
0, 0, 0



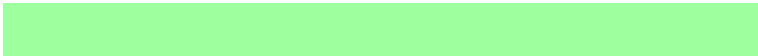
128, 128, 128

Same Dimension

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



168, 247, 169



158, 255, 159



168, 247, 208



110, 122, 110



0, 186, 2



0, 59, 1

Inverse Universe

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



247, 168, 246



255, 158, 254



247, 168, 208



122, 110, 122



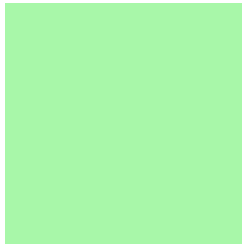
186, 0, 184



59, 0, 58

Previews

White Background



This preview shows how the RGB color 168, 247, 169 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 168, 247, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

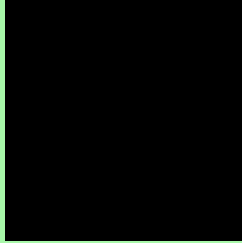
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

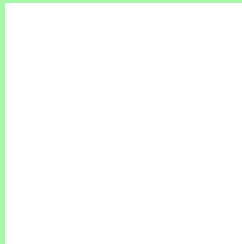
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 168, 247, 169 Background



This preview shows how black text looks on a background with the RGB color 168, 247, 169.

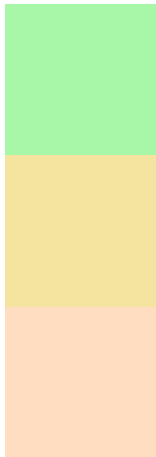


This preview shows how white text looks on a background with the RGB color 168, 247, 169.

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



Original Color
168, 247, 169

Protanopia
245, 227, 160

Deuteranopia
255, 221, 193



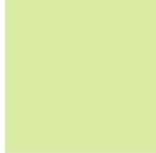
Tritanopia
184, 236, 255

Trichromacy



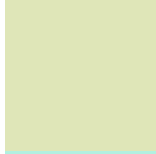
Original Color

168, 247, 169



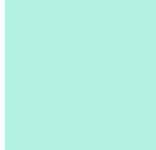
Protanomaly

217, 234, 163



Deuteranomaly

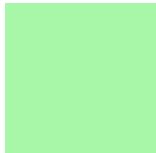
223, 230, 184



Tritanomaly

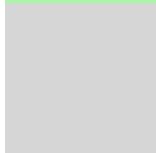
178, 240, 224

Monochromacy



Original Color

168, 247, 169



Achromatopsia

214, 214, 214



Achromatomaly

197, 226, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 247, 169 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(168, 247, 169)` looks like.

```
.text, #text, p{  
    color:rgb(168, 247, 169)  
}
```

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(168, 247, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 247, 169) }
```

Border

The CSS property to change the border of an element to RGB 168, 247, 169 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(168, 247, 169) }
```

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

```
.border{ border-color:rgb(168, 247, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 247, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 247, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 247, 169);  
box-shadow:4px 4px 4px 4px rgb(168, 247,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 168, 247, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 247, 169) }
```

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

```
.background{ background-color: rgb(168,  
247, 169) }
```

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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