

# Converting Colors

RGB(168, 237, 251)

Have a look what the booklet for  
RGB(168, 237, 251) contains.

<b>RGB(168, 237, 251)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(168, 237, 251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8EDFB
RGB	168, 237, 251
RGB Percent	66%, 93%, 98%
CMY	0.3412, 0.0706, 0.0157
CMYK	0.33, 0.06, 0.00, 0.02
HSL	190°, 91%, 82%
HSV	190°, 33%, 98%
XYZ	63.8452, 75.8582, 102.5439
YIQ	217.9650, -45.6180, -10.2740

# Conversions

## Conversions Part 2

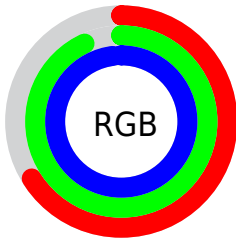
Format	Color
<b>RYB</b>	168, 206, 251
Decimal	11070971
CIELab	89.79, -18.11, -13.64
CIELCh	90, 22.675, 216.976
Yxy	75.8582, 0.2636, 0.3131
Android (android.graphics.Color)	4289261051 (0xFFA8EDFB)
YUV	217.9650, 16.2863, -43.8193
Hunter-Lab	87.0966, -21.5717, -8.8379

# Details

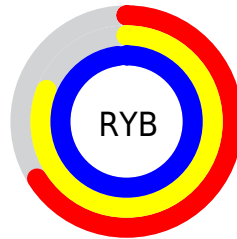
The RGB color **168, 237, 251** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **251, 182, 168**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **225, 255, 255**, and **113, 181, 194** is the 20% darker color. If you saturate the color by 10%, you get **143, 233, 251**, and if you desaturate by 10%, it is **193, 241, 251**.

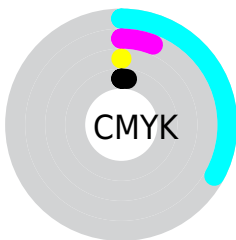
# Distribution



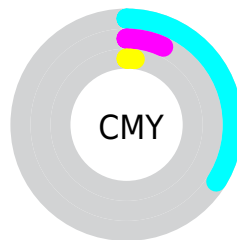
- Red (66%)
- Green (93%)
- Blue (98%)



- Red (66%)
- Yellow (81%)
- Blue (98%)



- Cyan (33%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (34%)
- Magenta (7%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 168, 237, 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 RGB color 168, 237, 251 by changing the saturation by 10% instead.



 168, 237, 251

255, 255, 255


 225, 255, 255


255, 255, 255


 168, 237, 251

 140, 209, 222

 113, 181, 194


 85, 154, 167

 57, 128, 141

 25, 103, 115

 0, 79, 91

 0, 56, 67

 0, 34, 45

 0, 1, 25

■ 168, 237, 251

■ 168, 237, 251

■ 143, 233, 251

■ 193, 241, 251

■ 118, 229, 251

■ 218, 245, 251

■ 93, 224, 251

■ 243, 250, 251

■ 68, 220, 251

■ 255, 254, 251

■ 42, 216, 251

■ 255, 255, 251

■ 17, 212, 251

■ 0, 209, 251

# Harmonies

## Analogous

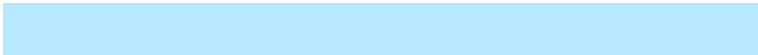
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172, 238, 230



168, 237, 251



182, 233, 255

# Triad

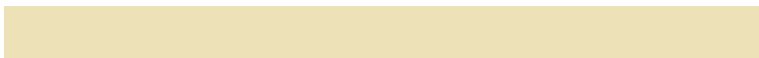
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



168, 237, 251



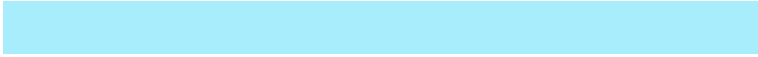
255, 213, 243



237, 226, 183

# Complementary

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



168, 237, 251



251, 182, 168

# 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, 219, 187



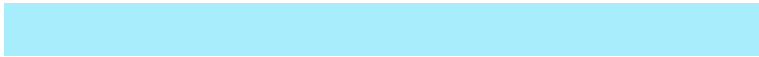
168, 237, 251



255, 211, 221

# Square

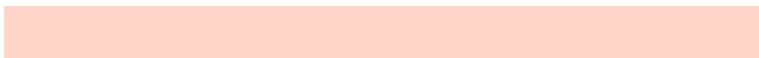
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



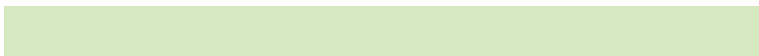
168, 237, 251



236, 219, 255



255, 213, 201



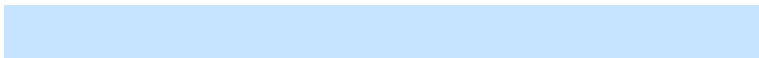
213, 232, 191

# Rectangle

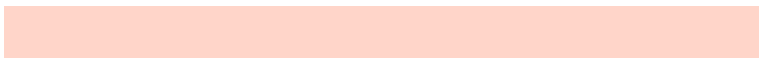
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



168, 237, 251



198, 228, 255



255, 213, 201



245, 224, 183



# Sweetspot

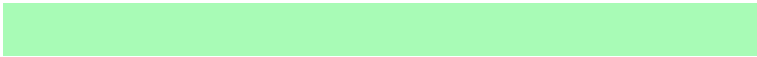
The Sweet Spot groups the original color and five complimentary colors.



168, 237, 251



230, 251, 255



168, 251, 182



112, 125, 128



0, 0, 0

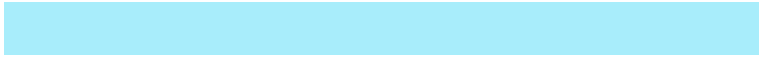


128, 128, 128

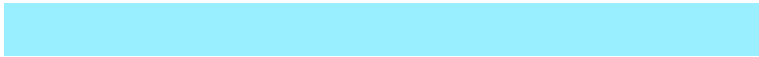


# Same Dimension

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



168, 237, 251



153, 238, 255



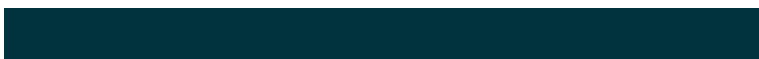
168, 196, 251



112, 123, 125



0, 157, 189



0, 51, 61



# Inverse Universe

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



251, 168, 237



255, 153, 238



251, 223, 168



125, 112, 123



189, 0, 157

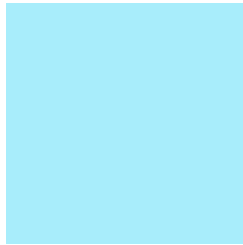


61, 0, 51



# Previews

## White Background



This preview shows how the RGB color 168, 237, 251 looks on a white background.

## Color Contrast Check

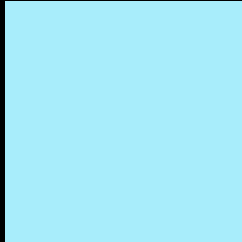
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 168, 237, 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](#).



## RGB 168, 237, 251 Background



This preview shows how black text looks on a background with the RGB color 168, 237, 251.



This preview shows how white text looks on a background with the RGB color 168, 237, 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





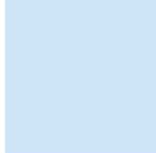
**Tritanopia**  
170, 236, 255

# Trichromacy



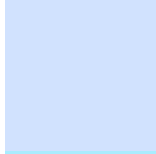
**Original Color**

168, 237, 251



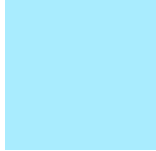
**Protanomaly**

204, 228, 246



**Deuteranomaly**

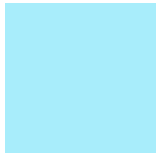
209, 226, 254



**Tritanomaly**

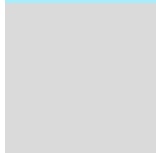
169, 236, 254

# Monochromacy



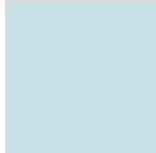
**Original Color**

168, 237, 251



**Achromatopsia**

218, 218, 218



**Achromatomaly**

200, 225, 230

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 168, 237, 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(168, 237, 251)` looks like.

```
.text, #text, p{  
    color:rgb(168, 237, 251)  
}
```

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, 237, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 237, 251) }
```

## Border

The CSS property to change the border of an element to RGB 168, 237, 251 is called "border". The border property can be set on classes, ids or directly on the HTML element.

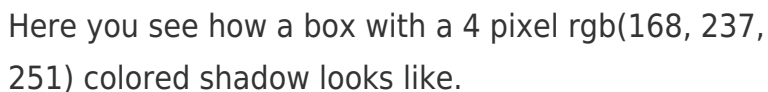
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 237, 251) }
```

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

```
.border{ border-color:rgb(168, 237, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 237, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 237, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 237, 251);  
box-shadow:4px 4px 4px 4px rgb(168, 237,  
251) }
```

# Background

The CSS property to change the background color of an element to RGB 168, 237, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 237, 251) }
```

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

```
.background{ background-color: rgb(168,  
237, 251) }
```

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