

Converting Colors

RGB(168, 247, 236)

Have a look what the booklet for
RGB(168, 247, 236) contains.

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Color

RGB(168, 247, 236)

Conversions

Conversions Part 1

Format	Color
Hex	A8F7EC
RGB	168, 247, 236
RGB Percent	66%, 97%, 93%
CMY	0.3412, 0.0314, 0.0745
CMYK	0.32, 0.00, 0.04, 0.03
HSL	172°, 83%, 81%
HSV	172°, 32%, 97%
XYZ	64.5495, 80.9025, 91.5705
YIQ	222.1250, -43.5530, -20.1690

Conversions

Conversions Part 2

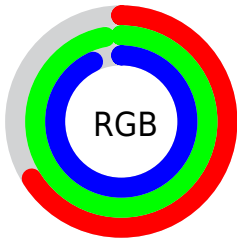
Format	Color
R _Y B	168, 210, 247
Decimal	11073516
CIE Lab	92.09, -26.40, -2.42
CIE LCh	92, 26.513, 185.245
Yxy	80.9025, 0.2723, 0.3413
Android (android.graphics.Color)	4289263596 (0xFFA8F7EC)
YUV	222.1250, 6.8404, -47.4676
Hunter-Lab	89.9458, -29.3048, 2.6011

Details

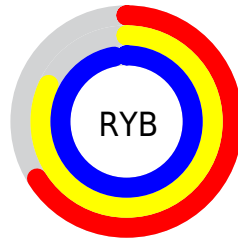
The RGB color **168, 247, 236** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **247, 168, 179**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **225, 255, 255**, and **113, 190, 180** is the 20% darker color. If you saturate the color by 10%, you get **143, 247, 233**, and if you desaturate by 10%, it is **193, 247, 239**.

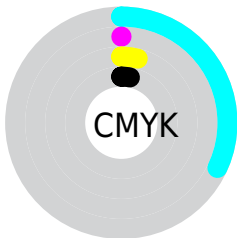
Distribution



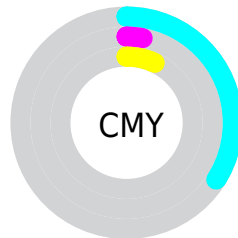
- Red (66%)
- Green (97%)
- Blue (93%)



- Red (66%)
- Yellow (82%)
- Blue (97%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (34%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 247, 236 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, 236 by changing the saturation by 10% instead.

 168, 247, 236

255, 255, 255


 225, 255, 255


255, 255, 255


 168, 247, 236

 140, 218, 208

 113, 190, 180

 85, 163, 153


 58, 137, 128

 26, 111, 103

 0, 86, 79

 0, 62, 56

 0, 40, 34

 0, 14, 13

 168, 247, 236

 168, 247, 236

 143, 247, 233

 193, 247, 239

 119, 247, 229

 217, 247, 243

 94, 247, 226

 242, 247, 246

 69, 247, 222

 255, 247, 250

 44, 247, 219

 255, 247, 253

 20, 247, 215

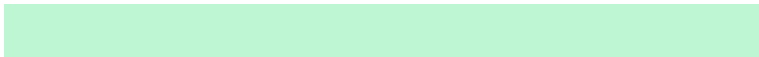
 255, 247, 255

 0, 247, 213

Harmonies

Analogous

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



190, 245, 210



168, 247, 236



162, 246, 255

Triad

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



168, 247, 236



242, 224, 255



255, 224, 187

Complementary

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



168, 247, 236



247, 168, 179

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, 217, 204



168, 247, 236



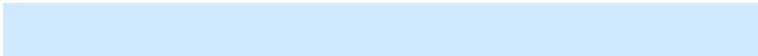
255, 217, 254

Square

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



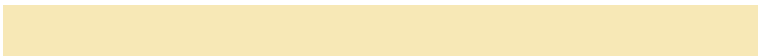
168, 247, 236



208, 233, 255



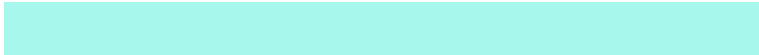
255, 214, 229



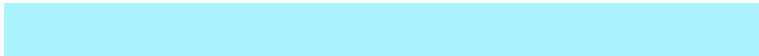
247, 232, 182

Rectangle

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



168, 247, 236



170, 243, 255



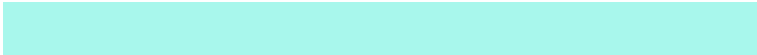
255, 214, 229



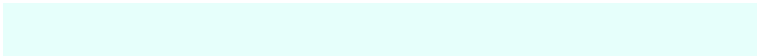
255, 221, 191

Sweetspot

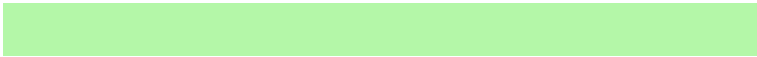
The Sweet Spot groups the original color and five complimentary colors.



168, 247, 236



230, 255, 251



180, 247, 168



112, 128, 125



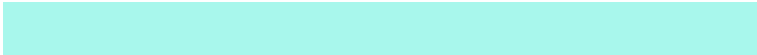
0, 0, 0



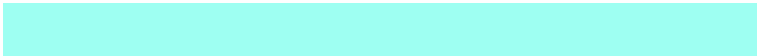
128, 128, 128

Same Dimension

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



168, 247, 236



158, 255, 242



168, 219, 247



110, 122, 121



0, 186, 160



0, 59, 50

Inverse Universe

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



247, 168, 179



255, 158, 172



247, 196, 168



122, 110, 112



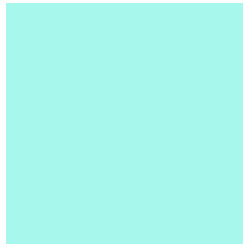
186, 0, 26



59, 0, 8

Previews

White Background



This preview shows how the RGB color 168, 247, 236 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, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

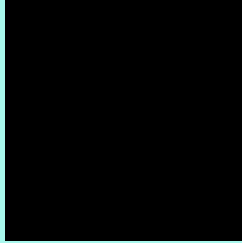
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

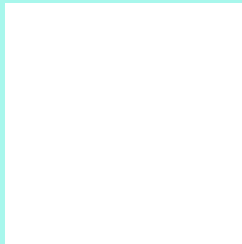
Any Text WCAG AAA ✓ Pass

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

RGB 168, 247, 236 Background



This preview shows how black text looks on a background with the RGB color 168, 247, 236.



This preview shows how white text looks on a background with the RGB color 168, 247, 236.

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





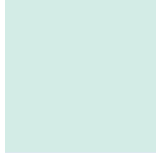
Tritanopia
191, 240, 255

Trichromacy



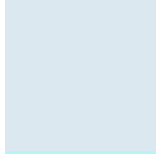
Original Color

168, 247, 236



Protanomaly

211, 236, 230



Deuteranomaly

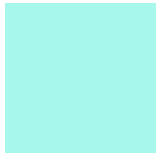
220, 232, 239



Tritanomaly

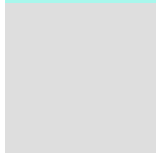
183, 243, 248

Monochromacy



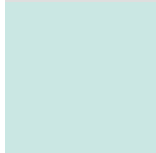
Original Color

168, 247, 236



Achromatopsia

222, 222, 222



Achromatomaly

202, 231, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 247, 236 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(168, 247, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 247, 236) }
```

Border

The CSS property to change the border of an element to RGB 168, 247, 236 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, 236) }
```

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

```
.border{ border-color:rgb(168, 247, 236) }
```

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, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 247, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 247, 236);  
box-shadow:4px 4px 4px 4px rgb(168, 247,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 168, 247, 236 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, 236) }
```

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

```
.background{ background-color: rgb(168,  
247, 236) }
```

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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