Converting Colors

RGB(168, 249, 254)

Have a look what the booklet for RGB(168, 249, 254) contains.

Color

RGB(168, 249, 254)

Conversions

Conversions Part 1

Format	Color
Hex	A8F9FE
RGB	168, 249, 254
RGB Percent	66%, 98%, 100%
CMY	0.3412, 0.0235, 0.0039
CMYK	0.34, 0.02, 0.00, 0.00
HSL	183°, 98%, 83%
HSV	183°, 34%, 100%
XYZ	67.9135, 83.2320, 106.2519
YIQ	225.3510, -49.8810, -15.6170

Conversions

Conversions Part 2

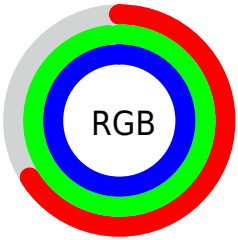
Format	Color
RYB	168, 210, 254
Decimal	11074046
CIELab	93.12, -23.33, -10.25
CIELCh	93, 25.476, 203.712
Yxy	83.2320, 0.2638, 0.3234
Android (android.graphics.Color)	4289264126 (0xFFA8F9FE)
YUV	225.3510, 14.1240, -50.2968
Hunter-Lab	91.2315, -26.7783, -5.1894

Details

The RGB color 168, 249, 254 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 254, 173, 168, and the grayscale version is 225, 225, 225.

A 20% lighter version of the original color is 226, 255, 255, and 112, 192, 197 is the 20% darker color. If you saturate the color by 10%, you get 143, 248, 254, and if you desaturate by 10%, it is 193, 250, 254.

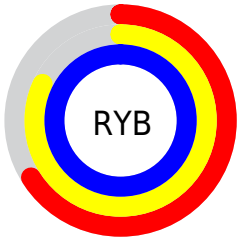
Distribution



Red (66%)

Green (98%)

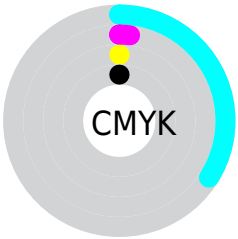
Blue (100%)



Red (66%)

Yellow (82%)

Blue (100%)

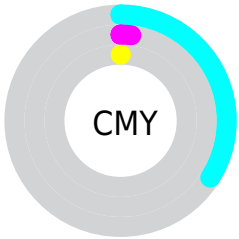


Cyan (34%)

Magenta (2%)

Yellow (0%)

Black (0%)



Cyan (34%)

Magenta (2%)

Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 249, 254 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, 249, 254 by changing the saturation by 10% instead.

168, 249, 254

255, 255, 255

226, 255, 255

168, 249, 254

140, 220, 225

112, 192, 197

84, 165, 170

55, 139, 144

19, 113, 118

0, 88, 93

0, 64, 70

0, 42, 48

0, 20, 27

168, 249, 254

143, 248, 254

117, 246, 254

92, 245, 254

66, 243, 254

41, 242, 254

16, 240, 254

0, 239, 254

168, 249, 254

193, 250, 254

219, 252, 254

244, 253, 254

255, 255, 254

255, 255, 254

Harmonies

Analogous

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

181, 249, 229

168, 249, 254

175, 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, 249, 254

255, 223, 255

255, 232, 187

Complementary

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

168, 249, 254

254, 173, 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, 224, 197

168, 249, 254

255, 218, 241

Square

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

168, 249, 254

233, 231, 255

255, 219, 217

233, 240, 190

Rectangle

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

168, 249, 254

190, 241, 255

255, 219, 217

255, 229, 189

Sweetspot

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

168, 249, 254

230, 254, 255

168, 254, 172

112, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

168, 249, 254

150, 249, 255

168, 207, 254

115, 127, 128

0, 180, 191

0, 60, 64

Inverse Universe

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

254, 168, 249

255, 150, 249

254, 215, 168

128, 115, 127

191, 0, 180

64, 0, 60

Previews

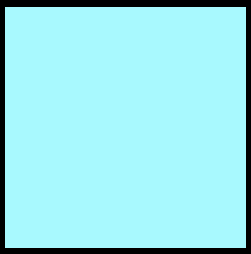
White Background

This preview shows how the RGB color 168, 249, 254 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



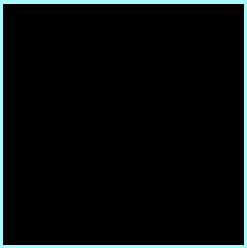
This preview shows how the RGB color 168, 249, 254 looks on a black background.

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, 249, 254 Background



This preview shows how black text looks on a background with the RGB color 168, 249, 254.

This preview shows how white text looks on a background with the RGB color 168, 249, 254.

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, 249, 254

Protanopia
235, 233, 244

Deuteranopia
244, 229, 255

Tritanopia
198, 242, 255

Trichromacy

Original Color
168, 249, 254

Protanomaly
211, 239, 248

Deuteranomaly
216, 236, 255

Tritanomaly
187, 245, 255

Monochromacy

Original Color
168, 249, 254

Achromatopsia
225, 225, 225

Achromatomaly
204, 234, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 249, 254 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, 249, 254) looks like.

```
.text, #text, p{
    color:rgb(168, 249, 254)
}
```

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, 249, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 249, 254) }
```

Border

The CSS property to change the border of an element to RGB 168, 249, 254 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, 249, 254) }
```

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

```
.border{ border-color:rgb(168, 249, 254) }
```

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

Here you see how a box with a 4 pixel rgb(168, 249, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 249, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 249, 254); box-shadow:4px 4px 4px 4px rgb(168, 249, 254) }
```

Background

The CSS property to change the background color of an element to RGB 168, 249, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(168, 249, 254) }
```

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

```
.background{ background-color:rgb(168,
249, 254) }
```

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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