Converting Colors

RGB(169, 251, 249)

Have a look what the booklet for RGB(169, 251, 249) contains.

Color

RGB(169, 251, 249)

Conversions

Conversions Part 1

Format	Color
Hex	A9FBF9
RGB	169, 251, 249
RGB Percent	66%, 98%, 98%
CMY	0.3373, 0.0157, 0.0235
CMYK	0.33, 0.00, 0.01, 0.02
HSL	179°, 91%, 82%
HSV	179°, 33%, 98%
XYZ	67.9582, 84.2689, 102.3063
YIQ	226.2540, -48.2300, -18.0060

Conversions

Conversions Part 2

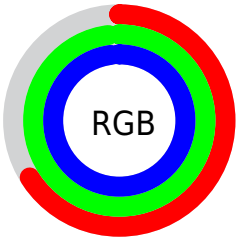
Format	Color
RYB	169, 211, 251
Decimal	11140089
CIELab	93.57, -25.17, -6.98
CIELCh	94, 26.122, 195.499
Yxy	84.2689, 0.2670, 0.3311
Android (android.graphics.Color)	4289330169 (0xFFA9FBF9)
YUV	226.2540, 11.2138, -50.2118
Hunter-Lab	91.7981, -28.5029, -1.8183

Details

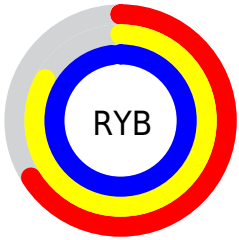
The RGB color 169, 251, 249 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 251, 169, 171, and the grayscale version is 226, 226, 226.

A 20% lighter version of the original color is 227, 255, 255, and 113, 194, 193 is the 20% darker color. If you saturate the color by 10%, you get 144, 251, 248, and if you desaturate by 10%, it is 194, 251, 250.

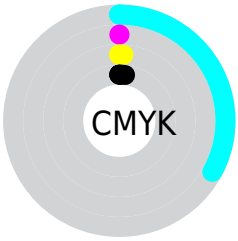
Distribution



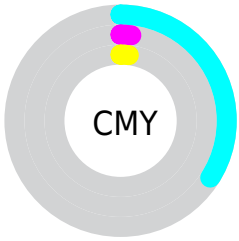
- Red (66%)
- Green (98%)
- Blue (98%)



- Red (66%)
- Yellow (83%)
- Blue (98%)



- Cyan (33%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 169, 251, 249 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 169, 251, 249 by changing the saturation by 10% instead.

169, 251, 249	169, 251, 249
255, 255, 255	141, 222, 220
227, 255, 255	113, 194, 193
	85, 167, 166
	57, 140, 139
	23, 115, 114
	0, 90, 89
	0, 66, 66
	0, 43, 44
	0, 22, 24

169, 251, 249

144, 251, 248

119, 251, 248

94, 251, 247

69, 251, 247

44, 251, 246

18, 251, 245

0, 251, 245

169, 251, 249

194, 251, 250

219, 251, 250

244, 251, 251

255, 251, 251

255, 251, 252

255, 251, 253

255, 251, 253

255, 251, 254

255, 251, 255

Harmonies

Analogous

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

186, 250, 223

169, 251, 249

170, 248, 255

Triad

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

169, 251, 249

255, 226, 255

255, 231, 188

Complementary

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

169, 251, 249

251, 169, 171

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, 223, 202

169, 251, 249

255, 220, 250

Square

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

169, 251, 249

225, 234, 255

255, 219, 224

242, 239, 188

Rectangle

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

169, 251, 249

183, 245, 255

255, 219, 224

255, 228, 191

Sweetspot

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

169, 251, 249

230, 255, 254

172, 251, 169

112, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

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

169, 251, 249

156, 255, 253

169, 213, 251

112, 125, 125

0, 189, 184

0, 61, 60

Inverse Universe

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

251, 169, 171

255, 156, 158

251, 207, 169

125, 112, 113

189, 0, 5

61, 0, 1

Previews

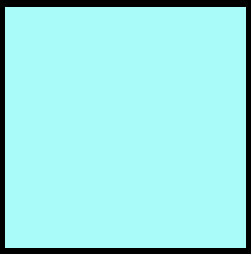
White Background

This preview shows how the RGB color 169, 251, 249 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



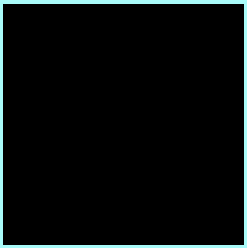
This preview shows how the RGB color 169, 251, 249 looks on a black background.

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 169, 251, 249 Background



This preview shows how black text looks on a background with the RGB color 169, 251, 249.

This preview shows how white text looks on a background with the RGB color 169, 251, 249.

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
169, 251, 249

Protanopia
239, 234, 239

Deuteranopia
250, 229, 254

Tritanopia
202, 243, 255

Trichromacy

Original Color
169, 251, 249

Protanomaly
214, 240, 243

Deuteranomaly
221, 237, 252

Tritanomaly
190, 246, 253

Monochromacy

Original Color
169, 251, 249

Achromatopsia
226, 226, 226

Achromatomaly
205, 235, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 251, 249 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(169, 251, 249) looks like.

```
.text, #text, p{
    color:rgb(169, 251, 249)
}
```

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(169, 251, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 251, 249) }
```

Border

The CSS property to change the border of an element to RGB 169, 251, 249 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(169, 251, 249) }
```

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

```
.border{ border-color:rgb(169, 251, 249) }
```

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

Here you see how a box with a 4 pixel rgb(169, 251, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 251, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 251, 249); box-shadow:4px 4px 4px 4px rgb(169, 251, 249) }
```

Background

The CSS property to change the background color of an element to RGB 169, 251, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(169, 251, 249) }
```

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

```
.background{ background-color:rgb(169,
251, 249) }
```

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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