Converting Colors

RGB(168, 240, 221)

Have a look what the booklet for RGB(168, 240, 221) contains.

Color

RGB(168, 240, 221)

Conversions

Conversions Part 1

Format	Color
Hex	A8F0DD
RGB	168, 240, 221
RGB Percent	66%, 94%, 87%
CMY	0.3412, 0.0588, 0.1333
CMYK	0.30, 0.00, 0.08, 0.06
HSL	164°, 71%, 80%
HSV	164°, 30%, 94%
XYZ	60.3597, 75.8655, 79.8688
YIQ	216.3060, -36.8130, -21.1730

Conversions

Conversions Part 2

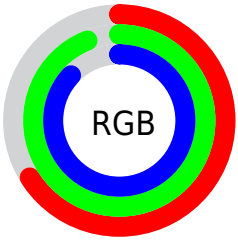
Format	Color
RYB	168, 209, 240
Decimal	11071709
CIELab	89.80, -26.25, 2.04
CIELCh	90, 26.326, 175.564
Yxy	75.8655, 0.2793, 0.3511
Android (android.graphics.Color)	4289261789 (0xFFA8F0DD)
YUV	216.3060, 2.3141, -42.3644
Hunter-Lab	87.1008, -28.7283, 6.6034

Details

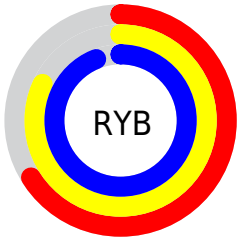
The RGB color 168, 240, 221 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 240, 168, 187, and the grayscale version is 216, 216, 216.

A 20% lighter version of the original color is 225, 255, 255, and 113, 184, 166 is the 20% darker color. If you saturate the color by 10%, you get 144, 240, 215, and if you desaturate by 10%, it is 192, 240, 227.

Distribution

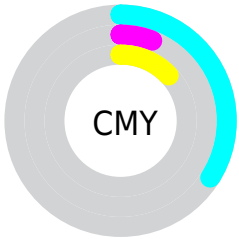


- Red (66%)
- Green (94%)
- Blue (87%)



- Red (66%)
- Yellow (82%)
- Blue (94%)

- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)



- Cyan (34%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 240, 221 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, 240, 221 by changing the saturation by 10% instead.

168, 240, 221

255, 255, 255

225, 255, 255

254, 255, 255

168, 240, 221

140, 212, 193

113, 184, 166

87, 157, 140

60, 130, 114

32, 105, 90

0, 80, 66

0, 57, 44

0, 36, 24

0, 0, 0

168, 240, 221	168, 240, 221
144, 240, 215	192, 240, 227
120, 240, 208	216, 240, 234
96, 240, 202	240, 240, 240
72, 240, 196	255, 240, 246
48, 240, 189	255, 240, 253
24, 240, 183	255, 240, 255
0, 240, 177	

Harmonies

Analogous

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

193, 237, 197

168, 240, 221

156, 240, 247

Triad

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

168, 240, 221

225, 221, 255

255, 215, 185

Complementary

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

168, 240, 221

240, 168, 187

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, 209, 205

168, 240, 221

255, 213, 255

Square

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

168, 240, 221

191, 229, 255

255, 208, 231

249, 223, 176

Rectangle

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

168, 240, 221

159, 238, 255

255, 208, 231

255, 212, 191

Sweetspot

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

168, 240, 221

232, 255, 249

187, 240, 168

113, 128, 124

0, 0, 0

128, 128, 128

Same Dimension

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

168, 240, 221

163, 255, 231

168, 223, 240

108, 120, 117

0, 184, 135

0, 56, 41

Inverse Universe

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

240, 168, 187

255, 163, 187

240, 185, 168

120, 108, 111

184, 0, 48

56, 0, 15

Previews

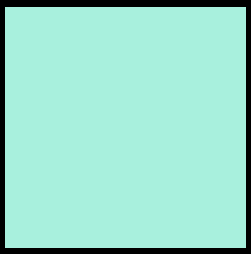
White Background

This preview shows how the RGB color 168, 240, 221 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



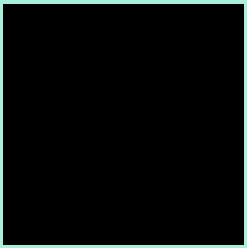
This preview shows how the RGB color 168, 240, 221 looks on a black background.

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, 240, 221 Background



This preview shows how black text looks on a background with the RGB color 168, 240, 221.

This preview shows how white text looks on a background with the RGB color 168, 240, 221.

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, 240, 221

Protanopia
232, 224, 212

Deuteranopia
246, 218, 226

Tritanopia
175, 235, 254

Trichromacy

Original Color
168, 240, 221

Protanomaly
209, 230, 215

Deuteranomaly
218, 226, 224

Tritanomaly
172, 237, 242

Monochromacy

Original Color
168, 240, 221

Achromatopsia
216, 216, 216

Achromatomaly
199, 225, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 240, 221 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, 240, 221) looks like.

```
.text, #text, p{
    color:rgb(168, 240, 221)
}
```

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, 240, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 240, 221) }
```

Border

The CSS property to change the border of an element to RGB 168, 240, 221 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, 240, 221) }
```

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

```
.border{ border-color:rgb(168, 240, 221) }
```

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

Here you see how a box with a 4 pixel rgb(168, 240, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 240, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 240, 221); box-shadow:4px 4px 4px 4px rgb(168, 240, 221) }
```

Background

The CSS property to change the background color of an element to RGB 168, 240, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(168, 240, 221) }
```

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

```
.background{ background-color:rgb(168,
240, 221) }
```

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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