

Converting Colors

RGB(168, 232, 236)

Have a look what the booklet for
RGB(168, 232, 236) contains.

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Color

RGB(168, 232, 236)

Conversions

Conversions Part 1

Format	Color
Hex	A8E8EC
RGB	168, 232, 236
RGB Percent	66%, 91%, 93%
CMY	0.3412, 0.0902, 0.0745
CMYK	0.29, 0.02, 0.00, 0.07
HSL	184°, 64%, 79%
HSV	184°, 29%, 93%
XYZ	60.1454, 72.0942, 90.1025
YIQ	213.3200, -39.4280, -12.3240

Conversions

Conversions Part 2

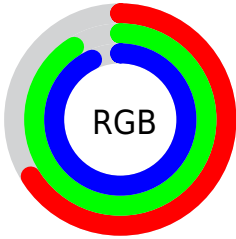
Format	Color
RYB	168, 201, 236
Decimal	11069676
CIELab	88.01, -19.07, -8.43
CIElCh	88, 20.853, 203.856
Yxy	72.0942, 0.2705, 0.3242
Android (android.graphics.Color)	4289259756 (0xFFA8E8EC)
YUV	213.3200, 11.1812, -39.7456
Hunter-Lab	84.9083, -22.1478, -3.4812

Details

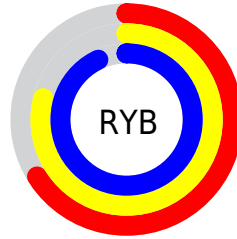
The RGB color **168, 232, 236** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **236, 172, 168**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **225, 255, 255**, and **113, 176, 180** is the 20% darker color. If you saturate the color by 10%, you get **144, 231, 236**, and if you desaturate by 10%, it is **192, 233, 236**.

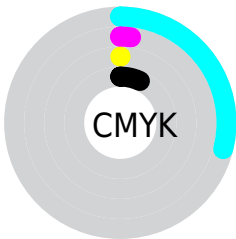
Distribution



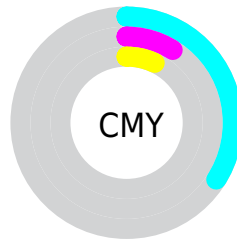
- Red (66%)
- Green (91%)
- Blue (93%)



- Red (66%)
- Yellow (79%)
- Blue (93%)



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (34%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 232, 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, 232, 236 by changing the saturation by 10% instead.

 168, 232, 236

255, 255, 255


 225, 255, 255


254, 255, 255

 168, 232, 236

 140, 204, 208

 113, 176, 180

 87, 149, 153

 60, 124, 128

 32, 98, 102

 0, 74, 79

 0, 51, 56

 0, 31, 34

 0, 0, 12

 168, 232, 236

 168, 232, 236

 144, 231, 236

 192, 233, 236

 121, 229, 236

 215, 235, 236

 97, 228, 236

 239, 236, 236

 74, 226, 236

 255, 238, 236

 50, 225, 236

 255, 239, 236

 26, 224, 236

 255, 240, 236

 3, 222, 236

 255, 242, 236

 0, 222, 236

 255, 243, 236

 255, 244, 236

Harmonies

Analogous

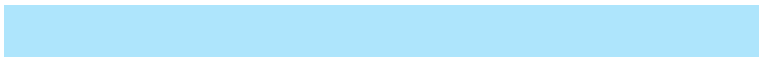
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177, 232, 216



168, 232, 236



174, 229, 252

Triad

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



168, 232, 236



243, 211, 244



240, 218, 182

Complementary

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



168, 232, 236



236, 172, 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, 212, 189



168, 232, 236



255, 207, 226

Square

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



168, 232, 236



219, 217, 255



255, 208, 206



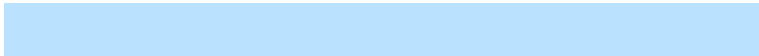
219, 224, 184

Rectangle

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



168, 232, 236



186, 226, 255



255, 208, 206



246, 216, 183

Sweetspot

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



168, 232, 236



232, 254, 255



168, 236, 171



113, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



168, 232, 236



166, 250, 255



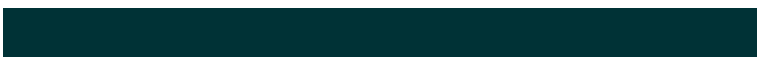
168, 199, 236



106, 117, 117



0, 170, 181



0, 50, 54

Inverse Universe

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



236, 168, 232



255, 166, 250



236, 205, 168



117, 106, 117



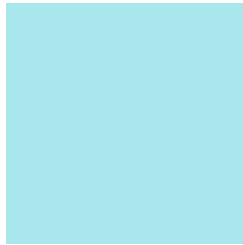
181, 0, 170



54, 0, 50

Previews

White Background



This preview shows how the RGB color 168, 232, 236 looks on a white background.

Color Contrast Check

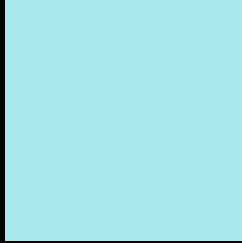
Large Text (above 18pt) WCAG AA × Fail

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, 232, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

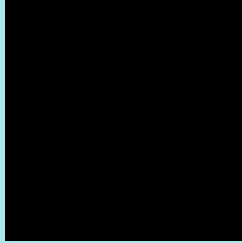
Any Text WCAG AA ✓ Pass

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, 232, 236 Background



This preview shows how black text looks on a background with the RGB color 168, 232, 236.



This preview shows how white text looks on a background with the RGB color 168, 232, 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





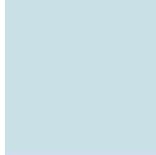
Tritanopia
171, 230, 248

Trichromacy



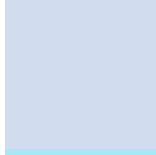
Original Color

168, 232, 236



Protanomaly

202, 224, 231



Deuteranomaly

209, 221, 239



Tritanomaly

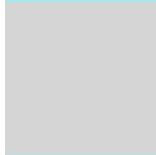
170, 231, 244

Monochromacy



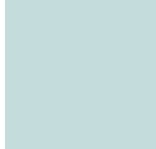
Original Color

168, 232, 236



Achromatopsia

213, 213, 213



Achromatomaly

197, 220, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 232, 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, 232, 236)` looks like.

```
.text, #text, p{  
    color:rgb(168, 232, 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, 232, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 232, 236) }
```

Border

The CSS property to change the border of an element to RGB 168, 232, 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, 232, 236) }
```

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

```
.border{ border-color:rgb(168, 232, 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, 232, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 232, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 232, 236);  
box-shadow:4px 4px 4px 4px rgb(168, 232,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 168, 232, 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, 232, 236) }
```

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

```
.background{ background-color: rgb(168,  
232, 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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