

Converting Colors

RGB(168, 230, 215)

Have a look what the booklet for
RGB(168, 230, 215) contains.

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Color

RGB(168, 230, 215)

Conversions

Conversions Part 1

Format	Color
Hex	A8E6D7
RGB	168, 230, 215
RGB Percent	66%, 90%, 84%
CMY	0.3412, 0.0980, 0.1569
CMYK	0.27, 0.00, 0.07, 0.10
HSL	165°, 55%, 78%
HSV	165°, 27%, 90%
XYZ	56.7110, 69.8248, 74.7785
YIQ	209.7520, -32.1370, -17.8090

Conversions

Conversions Part 2

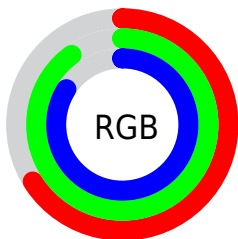
Format	Color
RYB	168, 203, 230
Decimal	11069143
CIELab	86.91, -22.65, 0.98
CIElCh	87, 22.669, 177.530
Yxy	69.8248, 0.2817, 0.3468
Android (android.graphics.Color)	4289259223 (0xFFA8E6D7)
YUV	209.7520, 2.5873, -36.6165
Hunter-Lab	83.5612, -25.0884, 5.4345

Details

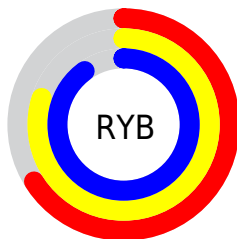
The RGB color **168, 230, 215** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **230, 168, 183**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **224, 255, 255**, and **114, 174, 160** is the 20% darker color. If you saturate the color by 10%, you get **145, 230, 209**, and if you desaturate by 10%, it is **191, 230, 221**.

Distribution



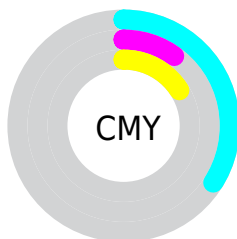
- Red (66%)
- Green (90%)
- Blue (84%)



- Red (66%)
- Yellow (80%)
- Blue (90%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (34%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 230, 215 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, 230, 215 by changing the saturation by 10% instead.

 168, 230, 215


255, 255, 255


 224, 255, 255


253, 255, 255

 168, 230, 215

 141, 202, 187

 114, 174, 160

 88, 148, 134

 62, 122, 109

 36, 97, 85

 4, 72, 62

 0, 50, 40


 0, 30, 19

 0, 0, 0

 168, 230, 215

 168, 230, 215

 145, 230, 209

 191, 230, 221

 122, 230, 204

 214, 230, 226

 99, 230, 198

 237, 230, 232

 76, 230, 193

 255, 230, 237

 53, 230, 187

 255, 230, 243

 30, 230, 182

 255, 230, 248

 7, 230, 176

 255, 230, 254

 0, 230, 174

 255, 230, 255

Harmonies

Analogous

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



188, 227, 194



168, 230, 215



159, 230, 237

Triad

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



168, 230, 215



219, 213, 255



254, 209, 182

Complementary

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



168, 230, 215



230, 168, 183

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, 204, 199



168, 230, 215



244, 206, 241

Square

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



168, 230, 215



191, 220, 255



255, 203, 220



236, 216, 175

Rectangle

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



168, 230, 215



163, 228, 249



255, 203, 220



255, 207, 187

Sweetspot

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



168, 230, 215



235, 255, 250



184, 230, 168



115, 128, 124



0, 0, 0



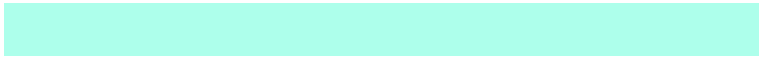
128, 128, 128

Same Dimension

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



168, 230, 215



173, 255, 235



168, 215, 230



103, 115, 112



0, 179, 135



0, 51, 39

Inverse Universe

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



230, 168, 183



255, 173, 193



230, 184, 168



115, 103, 106



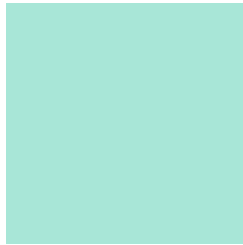
179, 0, 43



51, 0, 12

Previews

White Background



This preview shows how the RGB color 168, 230, 215 looks on a white background.

Color Contrast Check

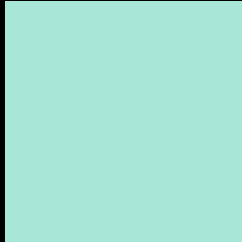
Large Text (above 18pt) WCAG AA × Fail

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, 230, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

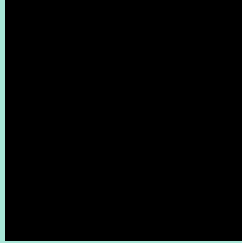
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

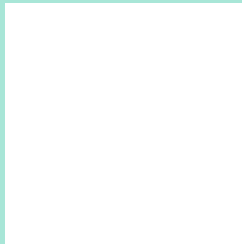
Any Text WCAG AAA ✓ Pass

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

RGB 168, 230, 215 Background



This preview shows how black text looks on a background with the RGB color 168, 230, 215.

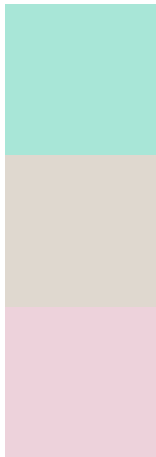


This preview shows how white text looks on a background with the RGB color 168, 230, 215.

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, 230, 215

Protanopia
223, 216, 207

Deuteranopia
237, 210, 219



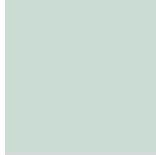
Tritanopia
174, 226, 244

Trichromacy



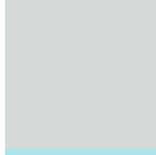
Original Color

168, 230, 215



Protanomaly

203, 221, 210



Deuteranomaly

212, 217, 218



Tritanomaly

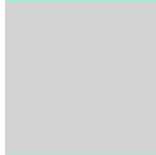
172, 227, 233

Monochromacy



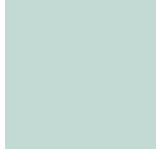
Original Color

168, 230, 215



Achromatopsia

210, 210, 210



Achromatomaly

195, 217, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 230, 215 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, 230, 215)` looks like.

```
.text, #text, p{  
    color:rgb(168, 230, 215)  
}
```

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, 230, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 230, 215) }
```

Border

The CSS property to change the border of an element to RGB 168, 230, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

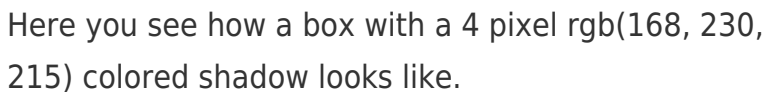
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 230, 215) }
```

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

```
.border{ border-color:rgb(168, 230, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 230, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 230, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 230, 215); box-shadow:4px 4px 4px 4px rgb(168, 230, 215) }
```

Background

The CSS property to change the background color of an element to RGB 168, 230, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 230, 215) }
```

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

```
.background{ background-color: rgb(168,  
230, 215) }
```

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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