

Converting Colors

`RYB(168, 211, 235)`

Have a look what the booklet for
RYB(168, 211, 235) contains.

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Color

R_YB(168, 211, 235)

Conversions

Conversions Part 1

Format	Color
Hex	A8EBCD
RGB	168, 235, 205
RGB Percent	66%, 92%, 80%
CMY	0.3412, 0.0784, 0.1945
CMYK	0.29, 0.00, 0.13, 0.08
HSL	153°, 63%, 79%
HSV	153°, 29%, 92%
XYZ	56.9240, 72.1684, 68.9378
YIQ	211.5470, -30.3020, -23.5340

Conversions

Conversions Part 2

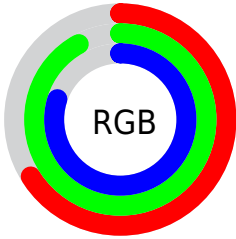
Format	Color
RYB	168, 211, 235
Decimal	11070413
CIELab	88.05, -27.03, 7.66
CIElCh	88, 28.094, 164.179
Yxy	72.1684, 0.2875, 0.3644
Android (android.graphics.Color)	4289260493 (0xFFA8EBCD)
YUV	211.5470, -3.2277, -38.1907
Hunter-Lab	84.9520, -29.0579, 11.3531

Details

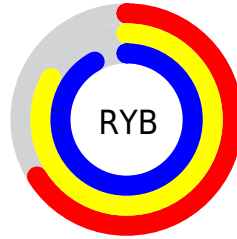
The RYB color **168, 211, 235** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **235, 168, 198**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **224, 240, 255**, and **114, 155, 179** is the 20% darker color. If you saturate the color by 10%, you get **145, 203, 235**, and if you desaturate by 10%, it is **192, 220, 235**.

Distribution



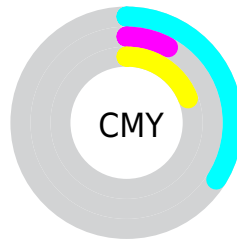
- Red (66%)
- Green (92%)
- Blue (80%)



- Red (66%)
- Yellow (83%)
- Blue (92%)



- Cyan (29%)
- Magenta (0%)
- Yellow (13%)
- Black (8%)



- Cyan (34%)
- Magenta (8%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 211, 235 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 RYB color 168, 211, 235 by changing the saturation by 10% instead.


 168, 211, 235

255, 255, 255


 224, 240, 255


254, 255, 255

 168, 211, 235

 141, 183, 207

 114, 155, 179

 88, 129, 152

 62, 102, 126

 36, 76, 101

 2, 45, 76

 0, 33, 53

 0, 26, 33


 0, 0, 0

 168, 211, 235


 168, 211, 235

 145, 203, 235


 192, 220, 235

 121, 194, 235


 215, 228, 235

 98, 186, 235


 238, 235, 237

 74, 177, 235


 255, 235, 247

 51, 169, 235

 255, 235, 255

 27, 161, 235

 4, 152, 235

 0, 151, 235

Harmonies

Analogous

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



182, 231, 216



168, 211, 235



147, 192, 236

Triad

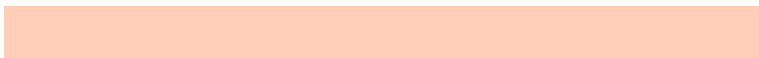
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



168, 211, 235



206, 216, 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, 211, 235



235, 168, 198

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, 202, 209



168, 211, 235



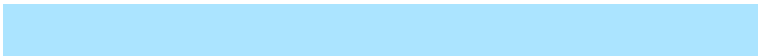
241, 210, 255

Square

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



168, 211, 235



171, 205, 255



255, 203, 236



246, 254, 170

Rectangle

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



168, 211, 235



144, 193, 250



255, 203, 236



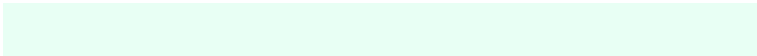
255, 207, 192

Sweetspot

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



168, 211, 235



232, 247, 255



168, 235, 205



113, 123, 128



0, 0, 0



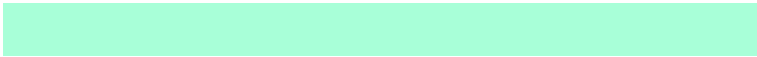
128, 128, 128

Same Dimension

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



168, 211, 235



168, 224, 255



168, 201, 235



106, 113, 117



0, 116, 181



0, 35, 54

Inverse Universe

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



235, 168, 198



255, 168, 207



235, 171, 168



117, 106, 111



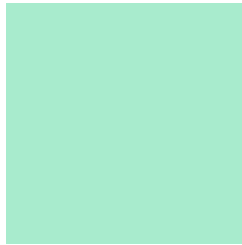
181, 0, 80



54, 0, 24

Previews

White Background



This preview shows how the RYB color 168, 211, 235 looks on a white background.

Color Contrast Check

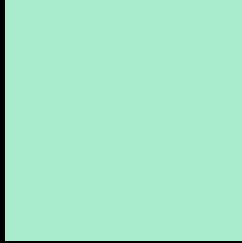
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 168, 211, 235 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

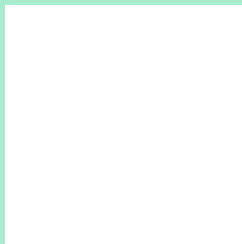
Any Text WCAG AAA ✓ Pass

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

RYB 168, 211, 235 Background



This preview shows how black text looks on a background with the RYB color 168, 211, 235.



This preview shows how white text looks on a background with the RYB color 168, 211, 235.

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





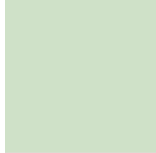
Tritanopia
177, 207, 247

Trichromacy



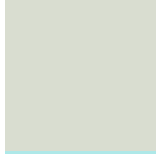
Original Color

168, 211, 235



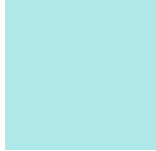
Protanomaly

200, 225, 218



Deuteranomaly

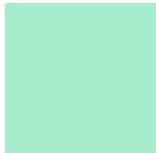
208, 221, 212



Tritanomaly

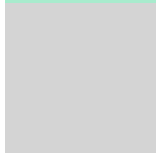
174, 203, 232

Monochromacy



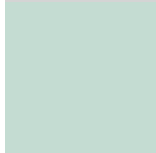
Original Color

168, 211, 235



Achromatopsia

212, 212, 212



Achromatomaly

196, 211, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 211, 235 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, 235, 205)` looks like.

```
.text, #text, p{  
    color:rgb(168, 235, 205)  
}
```

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, 235, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 235, 205) }
```

Border

The CSS property to change the border of an element to RYB 168, 211, 235 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, 235, 205) }
```

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

```
.border{ border-color:rgb(168, 235, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 235, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 235, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 235, 205);  
box-shadow:4px 4px 4px 4px rgb(168, 235,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 168, 211, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 235, 205) }
```

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

```
.background{ background-color: rgb(168,  
235, 205) }
```

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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