

Converting Colors

`RYB(168, 211, 252)`

Have a look what the booklet for
RYB(168, 211, 252) contains.

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Color

R_YB(168, 211, 252)

Conversions

Conversions Part 1

Format	Color
Hex	A8FCF8
RGB	168, 252, 248
RGB Percent	66%, 99%, 97%
CMY	0.3412, 0.0118, 0.0271
CMYK	0.33, 0.00, 0.02, 0.01
HSL	177°, 93%, 82%
HSV	177°, 33%, 99%
XYZ	67.9166, 84.7287, 101.6573
YIQ	226.4280, -48.7800, -19.0520

Conversions

Conversions Part 2

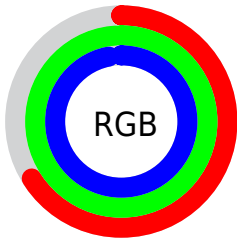
Format	Color
RYB	168, 211, 252
Decimal	11074808
CIELab	93.77, -26.12, -6.22
CIElCh	94, 26.852, 193.399
Yxy	84.7287, 0.2671, 0.3332
Android (android.graphics.Color)	4289264888 (0xFFA8FCF8)
YUV	226.4280, 10.6350, -51.2414
Hunter-Lab	92.0482, -29.3805, -1.0457

Details

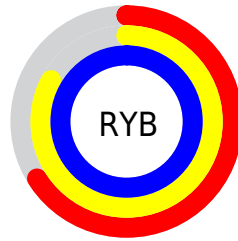
The RYB color **168, 211, 252** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **252, 168, 172**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **226, 241, 255**, and **112, 154, 195** is the 20% darker color. If you saturate the color by 10%, you get **143, 199, 252**, and if you desaturate by 10%, it is **193, 223, 252**.

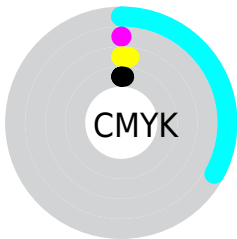
Distribution



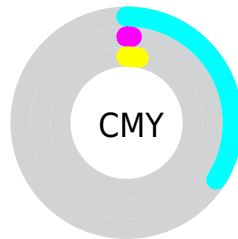
- Red (66%)
- Green (99%)
- Blue (97%)



- Red (66%)
- Yellow (83%)
- Blue (99%)



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



- Cyan (34%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 211, 252 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, 252 by changing the saturation by 10% instead.

 168, 211, 252


255, 255, 255

 226, 241, 255

 168, 211, 252

 140, 182, 223


 112, 154, 195

 84, 127, 168


 55, 99, 141

 20, 68, 115

 0, 45, 90


 0, 34, 67

 0, 22, 44

 0, 11, 23

 168, 211, 252


 168, 211, 252

 143, 199, 252


 193, 223, 252

 118, 187, 252


 218, 236, 252

 92, 174, 252


 244, 248, 252

 67, 162, 252

 255, 252, 253

 42, 150, 252

 255, 252, 254

 17, 137, 252

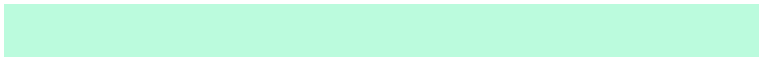
 255, 252, 255

 0, 129, 252

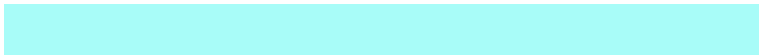
Harmonies

Analogous

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



187, 229, 251



168, 211, 252



168, 210, 255

Triad

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



168, 211, 252



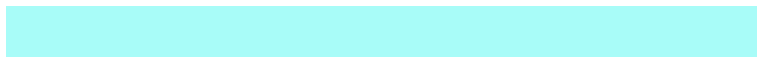
255, 227, 255



228, 255, 188

Complementary

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



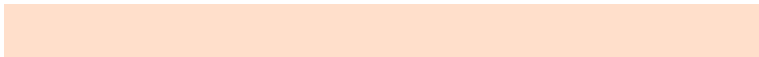
168, 211, 252



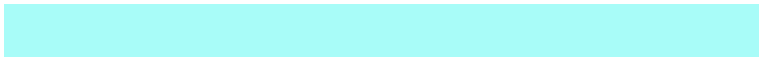
252, 168, 172

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, 236, 203



168, 211, 252



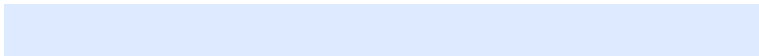
255, 220, 253

Square

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



168, 211, 252



222, 231, 255



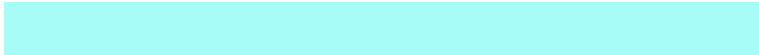
255, 219, 226



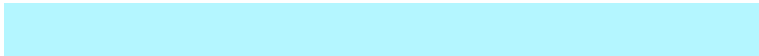
194, 245, 187

Rectangle

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



168, 211, 252



180, 215, 255



255, 219, 226



239, 255, 192

Sweetspot

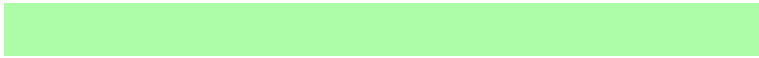
The Sweet Spot groups the original color and five complimentary colors.



168, 211, 252



230, 243, 255



168, 252, 248



112, 120, 128



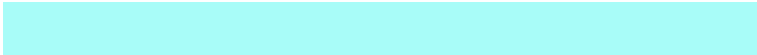
0, 0, 0



128, 128, 128

Same Dimension

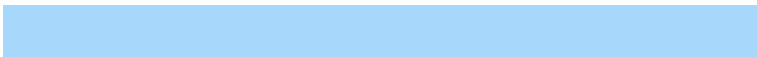
The Same Dimension uses a secret algorithm to generate beautiful new colors.



168, 211, 252



153, 205, 255



168, 198, 252



112, 119, 125



0, 97, 189



0, 31, 61

Inverse Universe

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



252, 168, 172



255, 153, 158



252, 237, 168



125, 112, 113



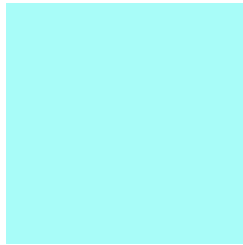
189, 0, 9



61, 0, 3

Previews

White Background



This preview shows how the RYB color 168, 211, 252 looks on a white background.

Color Contrast Check

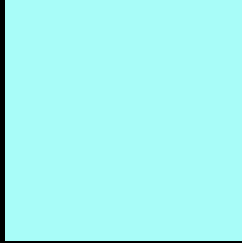
Large Text (above 18pt) WCAG AA × Fail

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, 252 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

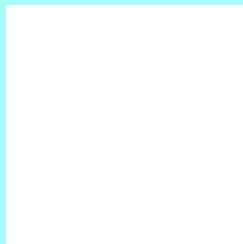
Any Text WCAG AAA ✓ Pass

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

RYB 168, 211, 252 Background



This preview shows how black text looks on a background with the RYB color 168, 211, 252.

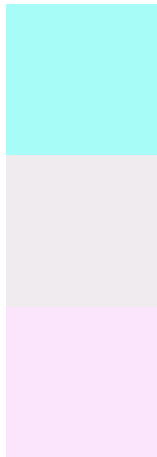


This preview shows how white text looks on a background with the RYB color 168, 211, 252.

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, 211, 252

Protanopia
240, 235, 238

Deuteranopia
251, 229, 253



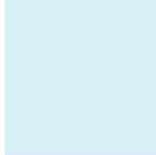
Tritanopia
204, 226, 255

Trichromacy



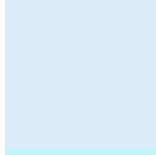
Original Color

168, 211, 252



Protanomaly

214, 228, 242



Deuteranomaly

221, 231, 251



Tritanomaly

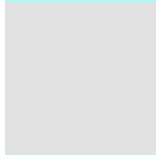
191, 220, 252

Monochromacy



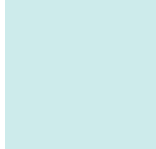
Original Color

168, 211, 252



Achromatopsia

226, 226, 226



Achromatomaly

205, 220, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 211, 252 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, 252, 248)` looks like.

```
.text, #text, p{  
    color:rgb(168, 252, 248)  
}
```

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, 252, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 252, 248) }
```

Border

The CSS property to change the border of an element to RYB 168, 211, 252 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, 252, 248) }
```

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

```
.border{ border-color:rgb(168, 252, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 252, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 252, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 252, 248); box-shadow:4px 4px 4px 4px rgb(168, 252, 248) }
```

Background

The CSS property to change the background color of an element to RYB 168, 211, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 252, 248) }
```

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

```
.background{ background-color: rgb(168,  
252, 248) }
```

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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