

Converting Colors

`RYB(167, 213, 238)`

Have a look what the booklet for
RYB(167, 213, 238) contains.

RYB(167, 213, 238)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(167, 213, 238)

Conversions

Conversions Part 1

Format	Color
Hex	A7EECE
RGB	167, 238, 206
RGB Percent	65%, 93%, 81%
CMY	0.3451, 0.0667, 0.1938
CMYK	0.30, 0.00, 0.14, 0.07
HSL	153°, 68%, 79%
HSV	153°, 30%, 93%
XYZ	57.6013, 73.8007, 69.3388
YIQ	213.1230, -32.0440, -25.0040

Conversions

Conversions Part 2

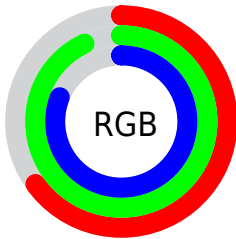
Format	Color
RYB	167, 213, 238
Decimal	11005646
CIELab	88.83, -28.72, 8.67
CIELCh	89, 30.001, 163.204
Yxy	73.8007, 0.2869, 0.3676
Android (android.graphics.Color)	4289195726 (0xFFA7EECE)
YUV	213.1230, -3.5116, -40.4499
Hunter-Lab	85.9074, -30.6527, 12.2801

Details

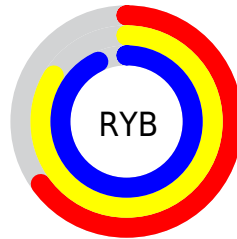
The RYB color **167, 213, 238** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **238, 167, 199**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **224, 240, 255**, and **113, 157, 182** is the 20% darker color. If you saturate the color by 10%, you get **143, 204, 238**, and if you desaturate by 10%, it is **191, 222, 238**.

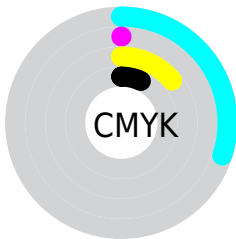
Distribution



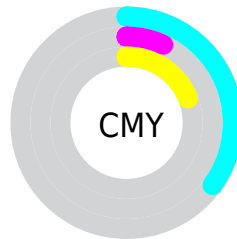
- Red (65%)
- Green (93%)
- Blue (81%)



- Red (65%)
- Yellow (84%)
- Blue (93%)



- Cyan (30%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 213, 238 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 167, 213, 238 by changing the saturation by 10% instead.


 167, 213, 238

255, 255, 255


 224, 240, 255


253, 254, 255

 167, 213, 238

 140, 185, 210

 113, 157, 182

 86, 130, 155

 60, 103, 128

 33, 76, 103

 0, 47, 79

 0, 35, 55

 0, 26, 34

 0, 0, 0

 167, 213, 238


 167, 213, 238

 143, 204, 238


 191, 222, 238

 119, 196, 238


 215, 230, 238

 96, 188, 238


 238, 238, 238

 72, 180, 238

 255, 238, 249

 48, 171, 238

 255, 238, 255

 24, 163, 238

 0, 154, 238

 0, 154, 238

Harmonies

Analogous

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



181, 233, 215



167, 213, 238



144, 193, 239

Triad

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



167, 213, 238



206, 217, 255



255, 217, 185

Complementary

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



167, 213, 238



238, 167, 199

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, 203, 211



167, 213, 238



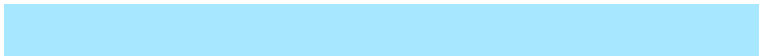
243, 211, 255

Square

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



167, 213, 238



167, 204, 255



255, 204, 240



240, 255, 169

Rectangle

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



167, 213, 238



140, 192, 253



255, 204, 240



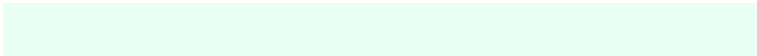
255, 208, 193

Sweetspot

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



167, 213, 238



232, 247, 255



167, 238, 205



113, 123, 128



0, 0, 0



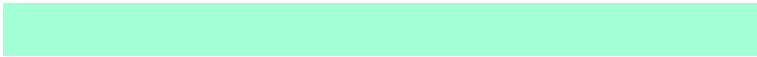
128, 128, 128

Same Dimension

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



167, 213, 238



163, 223, 255



167, 202, 238



108, 116, 120



0, 119, 184



0, 36, 56

Inverse Universe

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



238, 167, 199



255, 163, 205



238, 169, 167



120, 108, 113



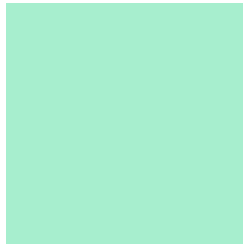
184, 0, 84



56, 0, 26

Previews

White Background



This preview shows how the RYB color 167, 213, 238 looks on a white background.

Color Contrast Check

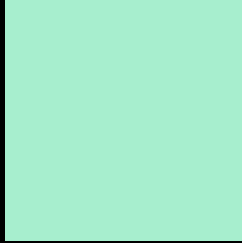
Large Text (above 18pt) WCAG AA × Fail

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 167, 213, 238 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

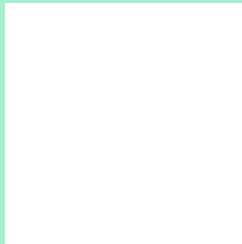
Any Text WCAG AAA ✓ Pass

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

RYB 167, 213, 238 Background



This preview shows how black text looks on a background with the RYB color 167, 213, 238.

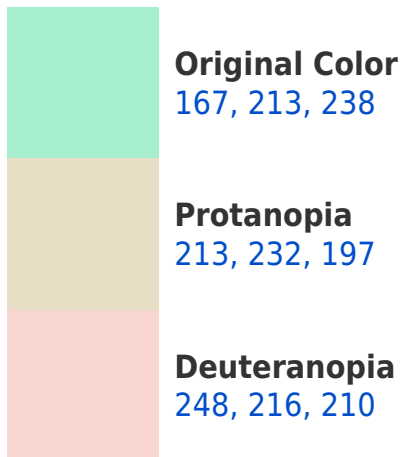


This preview shows how white text looks on a background with the RYB color 167, 213, 238.

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





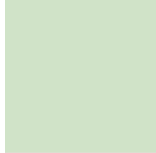
Tritanopia
176, 208, 250

Trichromacy



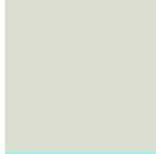
Original Color

167, 213, 238



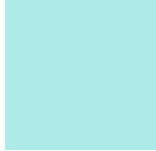
Protanomaly

200, 227, 219



Deuteranomaly

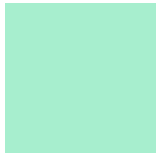
208, 223, 212



Tritanomaly

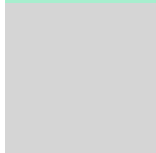
173, 204, 234

Monochromacy



Original Color

167, 213, 238



Achromatopsia

213, 213, 213



Achromatomaly

196, 213, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 213, 238 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(167, 238, 206)` looks like.

```
.text, #text, p{  
    color:rgb(167, 238, 206)  
}
```

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(167, 238, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 238, 206) }
```

Border

The CSS property to change the border of an element to RYB 167, 213, 238 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(167, 238, 206) }
```

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

```
.border{ border-color:rgb(167, 238, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 238, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 238, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 238, 206);  
box-shadow:4px 4px 4px 4px rgb(167, 238,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 167, 213, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 238, 206) }
```

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

```
.background{ background-color: rgb(167,  
238, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor