

Converting Colors

`RYB(167, 213, 235)`

Have a look what the booklet for
RYB(167, 213, 235) contains.

RYB(167, 213, 235)	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, 235)

Conversions

Conversions Part 1

Format	Color
Hex	A7EBC8
RGB	167, 235, 200
RGB Percent	65%, 92%, 78%
CMY	0.3451, 0.0784, 0.2176
CMYK	0.29, 0.00, 0.15, 0.08
HSL	149°, 63%, 79%
HSV	149°, 29%, 92%
XYZ	56.0142, 71.7800, 65.2536
YIQ	210.6780, -29.2930, -25.3010

Conversions

Conversions Part 2

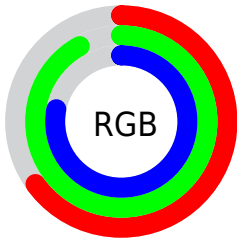
Format	Color
RYB	167, 213, 235
Decimal	11004872
CIELab	87.86, -28.48, 10.45
CIELCh	88, 30.339, 159.847
Yxy	71.7800, 0.2902, 0.3718
Android (android.graphics.Color)	4289194952 (0xFFA7EBC8)
YUV	210.6780, -5.2643, -38.3056
Hunter-Lab	84.7231, -30.2510, 13.6410

Details

The RYB color **167, 213, 235** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **235, 167, 202**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **223, 239, 255**, and **113, 157, 179** is the 20% darker color. If you saturate the color by 10%, you get **143, 205, 235**, and if you desaturate by 10%, it is **191, 221, 235**.

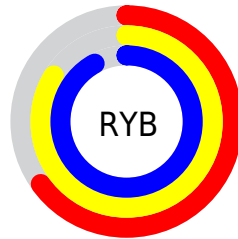
Distribution



Red (65%)

Green (92%)

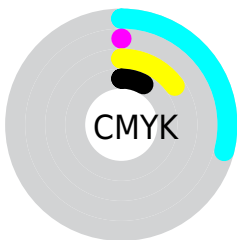
Blue (78%)



Red (65%)

Yellow (84%)

Blue (92%)

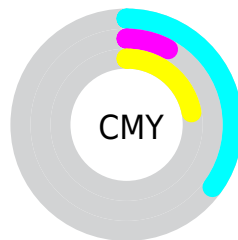


Cyan (29%)

Magenta (0%)

Yellow (15%)

Black (8%)



Cyan (35%)

Magenta (8%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 213, 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 167, 213, 235 by changing the saturation by 10% instead.


 167, 213, 235


255, 255, 255


 223, 239, 255


253, 254, 255

 167, 213, 235

 140, 185, 207

 113, 157, 179

 87, 130, 152

 61, 104, 126

 34, 76, 100

 0, 46, 76

 0, 35, 53


 0, 31, 33


 0, 0, 0

 167, 213, 235


 167, 213, 235

 143, 205, 235


 191, 221, 235

 120, 198, 235


 214, 228, 235

 97, 190, 235


 238, 235, 236

 73, 183, 235


 255, 235, 249

 50, 175, 235

 255, 235, 255

 26, 167, 235

 2, 159, 235

 0, 159, 235

Harmonies

Analogous

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



175, 230, 205



167, 213, 235



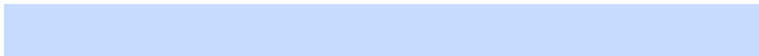
142, 192, 237

Triad

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



167, 213, 235



198, 214, 255



255, 209, 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, 235



235, 167, 202

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, 199, 212



167, 213, 235



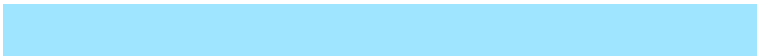
237, 210, 255

Square

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



167, 213, 235



160, 200, 255



255, 202, 241



251, 255, 167

Rectangle

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



167, 213, 235



135, 188, 248



255, 202, 241



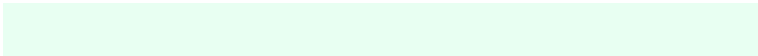
255, 202, 193

Sweetspot

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



167, 213, 235



232, 248, 255



167, 235, 199



113, 123, 128



0, 0, 0



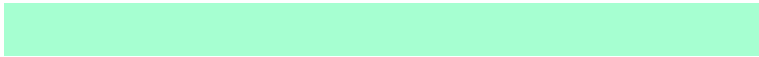
128, 128, 128

Same Dimension

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



167, 213, 235



166, 226, 255



167, 202, 235



106, 114, 117



0, 122, 181



0, 36, 54

Inverse Universe

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



235, 167, 202



255, 166, 212



235, 167, 169



117, 106, 112



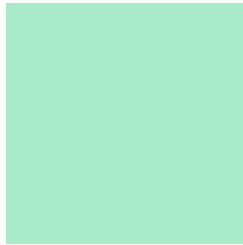
181, 0, 94



54, 0, 28

Previews

White Background



This preview shows how the RYB color 167, 213, 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 167, 213, 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

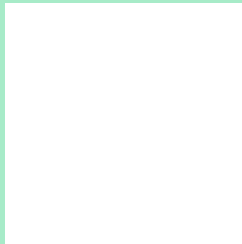
Any Text WCAG AAA ✓ Pass

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

RYB 167, 213, 235 Background



This preview shows how black text looks on a background with the RYB color 167, 213, 235.



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





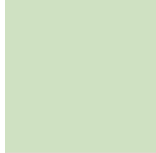
Tritanopia
177, 207, 247

Trichromacy



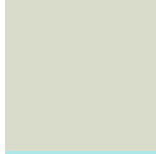
Original Color

167, 213, 235



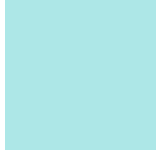
Protanomaly

194, 225, 212



Deuteranomaly

202, 220, 205



Tritanomaly

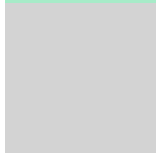
173, 202, 231

Monochromacy



Original Color

167, 213, 235



Achromatopsia

211, 211, 211



Achromatomaly

195, 212, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 213, 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(167, 235, 200)` looks like.

```
.text, #text, p{  
    color:rgb(167, 235, 200)  
}
```

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, 235, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 235, 200) }
```

Border

The CSS property to change the border of an element to RYB 167, 213, 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(167, 235, 200) }
```

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

```
.border{ border-color:rgb(167, 235, 200) }
```

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

Here you see how a box with a 4 pixel rgb(167, 235, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 235, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 235, 200);  
box-shadow:4px 4px 4px 4px rgb(167, 235,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 167, 213, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 235, 200) }
```

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

```
.background{ background-color: rgb(167,  
235, 200) }
```

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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