

Converting Colors

`RYB(167, 208, 253)`

Have a look what the booklet for
RYB(167, 208, 253) contains.

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Color

`RYB(167, 208, 253)`

Conversions

Conversions Part 1

Format	Color
Hex	A7F5FD
RGB	167, 245, 253
RGB Percent	65%, 96%, 99%
CMY	0.3451, 0.0378, 0.0078
CMYK	0.34, 0.03, 0.00, 0.01
HSL	185°, 96%, 82%
HSV	185°, 34%, 99%
XYZ	66.4261, 80.8275, 105.0288
YIQ	222.5900, -49.0560, -14.0480

Conversions

Conversions Part 2

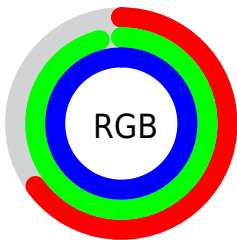
Format	Color
R_{YB}	167, 208, 253
Decimal	11007485
CIE _{Lab}	92.05, -22.04, -11.31
CIE _{LCh}	92, 24.772, 207.166
Yxy	80.8275, 0.2633, 0.3204
Android (android.graphics.Color)	4289197565 (0xFFA7F5FD)
YUV	222.5900, 14.9921, -48.7524
Hunter-Lab	89.9041, -25.4467, -6.3315

Details

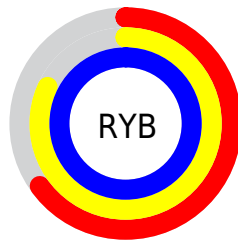
The RYB color **167, 208, 253** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **253, 176, 167**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **225, 240, 255**, and **111, 152, 196** is the 20% darker color. If you saturate the color by 10%, you get **142, 195, 253**, and if you desaturate by 10%, it is **192, 221, 253**.

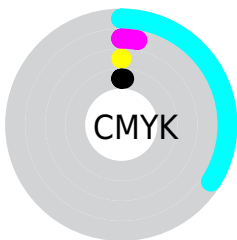
Distribution



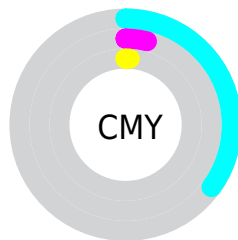
- Red (65%)
- Green (96%)
- Blue (99%)



- Red (65%)
- Yellow (82%)
- Blue (99%)



- Cyan (34%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (35%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 208, 253 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, 208, 253 by changing the saturation by 10% instead.

 167, 208, 253


255, 255, 255


 225, 240, 255

254, 255, 255

 167, 208, 253

 139, 180, 224

 111, 152, 196

 83, 124, 169


 54, 96, 143

 19, 66, 117

 0, 44, 93

 0, 33, 69

 0, 21, 47

 0, 10, 26

■ 167, 208, 253

■ 167, 208, 253

■ 142, 195, 253

■ 192, 221, 253

■ 116, 181, 253

■ 218, 235, 253

■ 91, 168, 253

■ 243, 248, 253

■ 66, 155, 253

■ 255, 255, 253

■ 40, 142, 253

■ 253, 255, 253

■ 15, 129, 253

■ 0, 121, 253

Harmonies

Analogous

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



177, 216, 246



167, 208, 253



176, 212, 255

Triad

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



167, 208, 253



255, 220, 255



220, 253, 185

Complementary

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



167, 208, 253



253, 176, 167

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, 247, 193



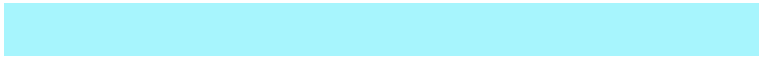
167, 208, 253



255, 216, 235

Square

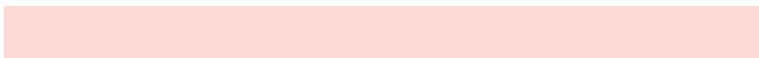
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



167, 208, 253



234, 227, 255



255, 218, 212



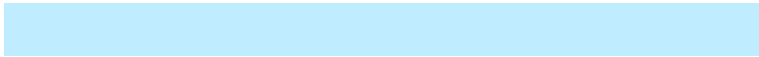
190, 237, 200

Rectangle

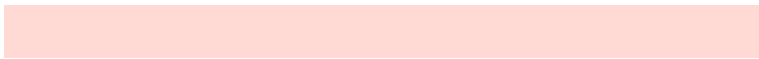
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



167, 208, 253



192, 218, 255



255, 218, 212



233, 255, 186

Sweetspot

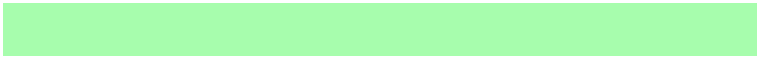
The Sweet Spot groups the original color and five complimentary colors.



167, 208, 253



230, 242, 255



167, 247, 253



112, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



167, 208, 253



150, 200, 255



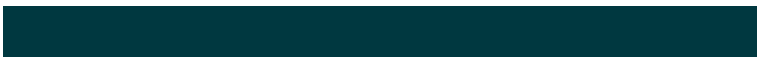
167, 192, 253



115, 121, 128



0, 91, 191



0, 30, 64

Inverse Universe

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



253, 167, 245



255, 150, 246



229, 253, 167



128, 115, 126



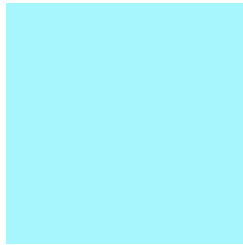
191, 0, 174



64, 0, 58

Previews

White Background



This preview shows how the RYB color 167, 208, 253 looks on a white background.

Color Contrast Check

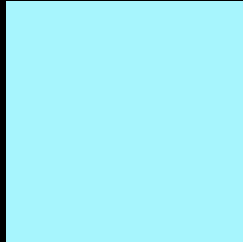
Large Text (above 18pt) WCAG AA × Fail

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, 208, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

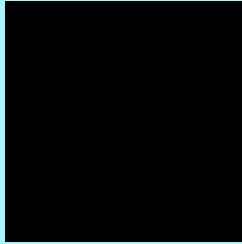
Any Text WCAG AA ✓ Pass

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, 208, 253 Background



This preview shows how black text looks on a background with the RYB color 167, 208, 253.

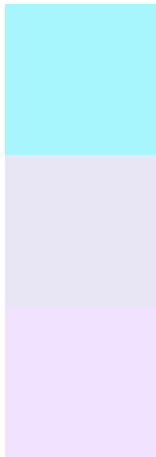


This preview shows how white text looks on a background with the RYB color 167, 208, 253.

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
167, 208, 253

Protanopia
232, 230, 244

Deuteranopia
241, 226, 255



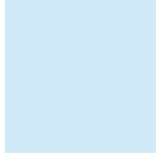
Tritanopia
189, 218, 255

Trichromacy



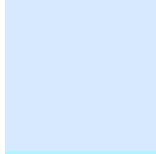
Original Color

167, 208, 253



Protanomaly

208, 224, 247



Deuteranomaly

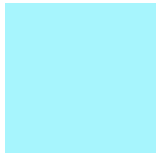
214, 227, 254



Tritanomaly

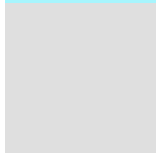
181, 214, 254

Monochromacy



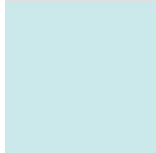
Original Color

167, 208, 253



Achromatopsia

223, 223, 223



Achromatomaly

203, 218, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 208, 253 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, 245, 253)` looks like.

```
.text, #text, p{  
    color:rgb(167, 245, 253)  
}
```

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, 245, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 245, 253) }
```

Border

The CSS property to change the border of an element to RYB 167, 208, 253 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, 245, 253) }
```

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

```
.border{ border-color:rgb(167, 245, 253) }
```

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

Here you see how a box with a 4 pixel rgb(167, 245, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 245, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 245, 253);  
box-shadow:4px 4px 4px 4px rgb(167, 245,  
253) }
```

Background

The CSS property to change the background color of an element to RYB 167, 208, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 245, 253) }
```

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

```
.background{ background-color: rgb(167,  
245, 253) }
```

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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