

Converting Colors

`RYB(167, 202, 247)`

Have a look what the booklet for
RYB(167, 202, 247) contains.

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Color

R_YB(167, 202, 247)

Conversions

Conversions Part 1

Format	Color
Hex	A7E5F7
RGB	167, 229, 247
RGB Percent	65%, 90%, 97%
CMY	0.3451, 0.1011, 0.0314
CMYK	0.32, 0.07, 0.00, 0.03
HSL	193°, 83%, 81%
HSV	193°, 32%, 97%
XYZ	60.8057, 71.0926, 98.5131
YIQ	212.5140, -42.7300, -7.5460

Conversions

Conversions Part 2

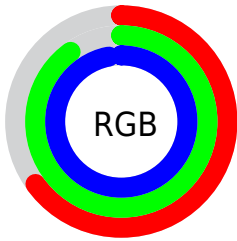
Format	Color
R_{YB}	167, 202, 247
Decimal	11003383
CIE _{Lab}	87.53, -15.42, -14.94
CIE _{LCh}	88, 21.469, 224.089
Yxy	71.0926, 0.2639, 0.3085
Android (android.graphics.Color)	4289193463 (0xFFA7E5F7)
YUV	212.5140, 17.0016, -39.9158
Hunter-Lab	84.3164, -18.8265, -10.2514

Details

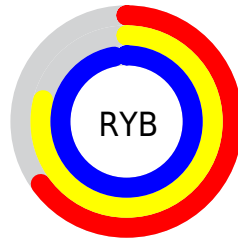
The RYB color **167, 202, 247** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **247, 190, 167**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **224, 240, 255**, and **112, 146, 191** is the 20% darker color. If you saturate the color by 10%, you get **142, 188, 247**, and if you desaturate by 10%, it is **192, 216, 247**.

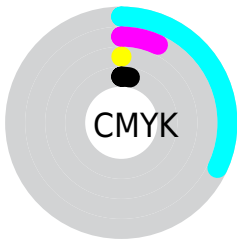
Distribution



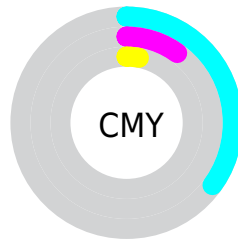
- Red (65%)
- Green (90%)
- Blue (97%)



- Red (65%)
- Yellow (79%)
- Blue (97%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (35%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 202, 247 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, 202, 247 by changing the saturation by 10% instead.

 167, 202, 247

 167, 202, 247


255, 255, 255

 139, 174, 218

 224, 240, 255


 112, 147, 191

253, 254, 255


 85, 120, 164

 58, 93, 137

 27, 65, 112

 0, 39, 87

 0, 28, 64

 0, 17, 42

 0, 1, 22

■ 167, 202, 247

■ 167, 202, 247

■ 142, 188, 247

■ 192, 216, 247

■ 118, 174, 247

■ 216, 230, 247

■ 93, 160, 247

■ 241, 244, 247

■ 68, 146, 247

■ 255, 255, 247

■ 44, 133, 247

■ 247, 255, 247

■ 19, 119, 247

■ 0, 108, 247

Harmonies

Analogous

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



166, 199, 231



167, 202, 247



183, 209, 255

Triad

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



167, 202, 247



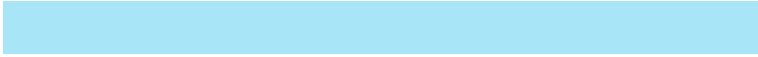
254, 206, 231



184, 225, 180

Complementary

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



167, 202, 247



247, 190, 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.



244, 246, 181



167, 202, 247



255, 205, 210

Square

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



167, 202, 247



235, 211, 249



255, 213, 192



190, 227, 215

Rectangle

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



167, 202, 247



200, 215, 255



255, 213, 192



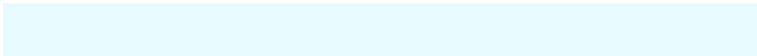
198, 233, 179

Sweetspot

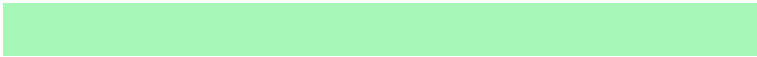
The Sweet Spot groups the original color and five complimentary colors.



167, 202, 247



230, 241, 255



167, 233, 247



112, 119, 128



0, 0, 0



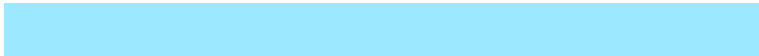
128, 128, 128

Same Dimension

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



167, 202, 247



156, 199, 255



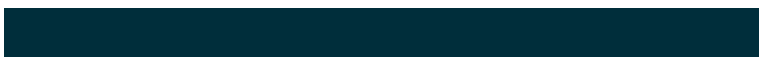
167, 185, 247



110, 115, 122



0, 81, 186



0, 26, 59

Inverse Universe

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



247, 167, 229



255, 156, 233



199, 247, 167



122, 110, 120



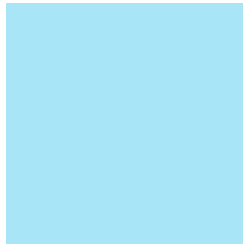
186, 0, 145



59, 0, 46

Previews

White Background



This preview shows how the RYB color 167, 202, 247 looks on a white background.

Color Contrast Check

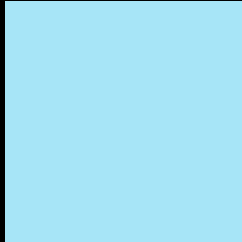
Large Text (above 18pt) WCAG AA × Fail

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, 202, 247 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, 202, 247 Background



This preview shows how black text looks on a background with the RYB color 167, 202, 247.

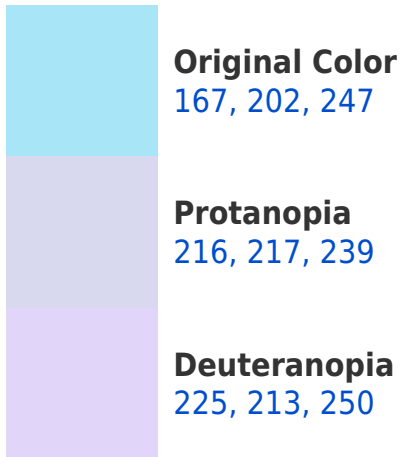


This preview shows how white text looks on a background with the RYB color 167, 202, 247.

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](#).

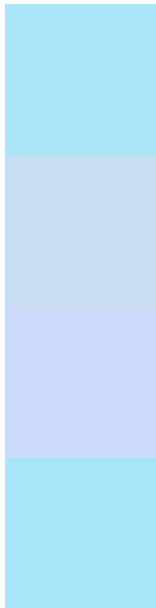
Dichromacy





Tritanopia
167, 202, 248

Trichromacy



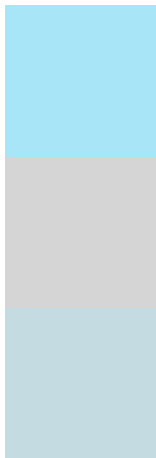
Original Color
167, 202, 247

Protanomaly
198, 213, 242

Deuteranomaly
204, 215, 249

Tritanomaly
167, 202, 248

Monochromacy



Original Color
167, 202, 247

Achromatopsia
213, 213, 213

Achromatomaly
196, 209, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 202, 247 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, 229, 247)` looks like.

```
.text, #text, p{  
    color:rgb(167, 229, 247)  
}
```

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, 229, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 229, 247) }
```

Border

The CSS property to change the border of an element to RYB 167, 202, 247 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, 229, 247) }
```

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

```
.border{ border-color:rgb(167, 229, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 229, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 229, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 229, 247);  
box-shadow:4px 4px 4px 4px rgb(167, 229,  
247) }
```

Background

The CSS property to change the background color of an element to RYB 167, 202, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 229, 247) }
```

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

```
.background{ background-color: rgb(167,  
229, 247) }
```

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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