

Converting Colors

`RYB(167, 207, 240)`

Have a look what the booklet for
RYB(167, 207, 240) contains.

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Color

R_YB(167, 207, 240)

Conversions

Conversions Part 1

Format	Color
Hex	A7F0E3
RGB	167, 240, 227
RGB Percent	65%, 94%, 89%
CMY	0.3451, 0.0588, 0.1089
CMYK	0.30, 0.00, 0.05, 0.06
HSL	170°, 71%, 80%
HSV	170°, 30%, 94%
XYZ	60.9927, 76.0942, 84.3090
YIQ	216.6910, -39.3350, -19.5190

Conversions

Conversions Part 2

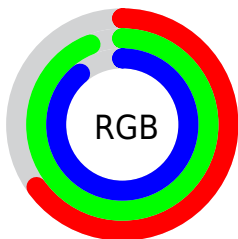
Format	Color
R _Y B	167, 207, 240
Decimal	11006179
CIE Lab	89.90, -25.21, -1.06
CIE LCh	90, 25.231, 182.414
Yxy	76.0942, 0.2755, 0.3437
Android (android.graphics.Color)	4289196259 (0xFFA7F0E3)
YUV	216.6910, 5.0823, -43.5790
Hunter-Lab	87.2320, -27.8486, 3.7591

Details

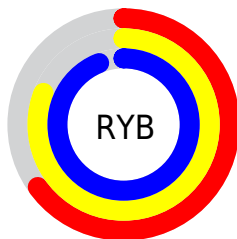
The RYB color **167, 207, 240** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **240, 167, 180**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **224, 240, 255**, and **112, 151, 184** is the 20% darker color. If you saturate the color by 10%, you get **143, 196, 240**, and if you desaturate by 10%, it is **191, 218, 240**.

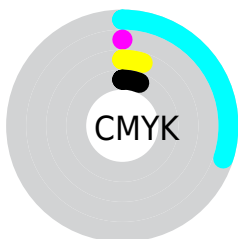
Distribution



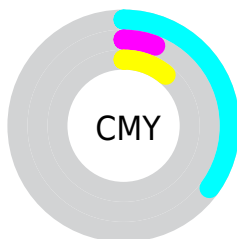
- Red (65%)
- Green (94%)
- Blue (89%)



- Red (65%)
- Yellow (81%)
- Blue (94%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (35%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 207, 240 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, 207, 240 by changing the saturation by 10% instead.


 167, 207, 240

 167, 207, 240


255, 255, 255

 139, 179, 212

 224, 240, 255

 112, 151, 184

253, 254, 255

 85, 124, 157

 59, 97, 130

 29, 70, 105

 0, 42, 80


 0, 31, 57


 0, 20, 36


 0, 0, 2

 167, 207, 240


 167, 207, 240

 143, 196, 240


 191, 218, 240

 119, 185, 240


 215, 229, 240

 95, 174, 240


 239, 240, 240

 71, 164, 240

 255, 240, 244

 47, 153, 240

 255, 240, 248

 23, 142, 240

 255, 240, 252

 0, 132, 240

 255, 240, 255

Harmonies

Analogous

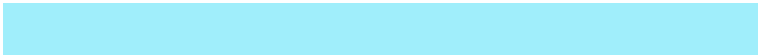
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



189, 227, 238



167, 207, 240



160, 202, 251

Triad

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



167, 207, 240



233, 219, 255



255, 246, 184

Complementary

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



167, 207, 240



240, 167, 180

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, 213, 201



167, 207, 240



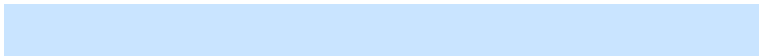
255, 212, 249

Square

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



167, 207, 240



201, 219, 255



255, 209, 225



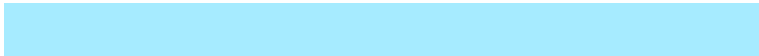
203, 243, 178

Rectangle

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



167, 207, 240



166, 205, 255



255, 209, 225



255, 232, 189

Sweetspot

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



167, 207, 240



232, 245, 255



167, 240, 227



113, 121, 128



0, 0, 0



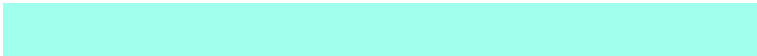
128, 128, 128

Same Dimension

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



167, 207, 240



161, 213, 255



167, 197, 240



108, 115, 120



0, 101, 184



0, 31, 56

Inverse Universe

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



240, 167, 180



255, 161, 177



240, 201, 167



120, 108, 110



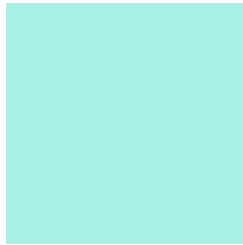
184, 0, 32



56, 0, 10

Previews

White Background



This preview shows how the RYB color 167, 207, 240 looks on a white background.

Color Contrast Check

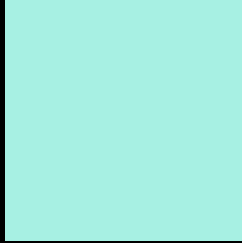
Large Text (above 18pt) WCAG AA × Fail

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, 207, 240 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, 207, 240 Background



This preview shows how black text looks on a background with the RYB color 167, 207, 240.



This preview shows how white text looks on a background with the RYB color 167, 207, 240.

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





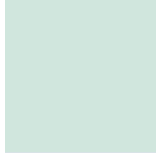
Tritanopia
173, 209, 255

Trichromacy



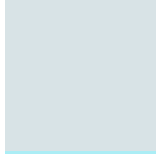
Original Color

167, 207, 240



Protanomaly

208, 222, 230



Deuteranomaly

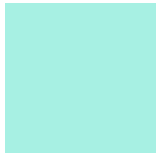
216, 222, 230



Tritanomaly

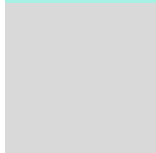
171, 206, 245

Monochromacy



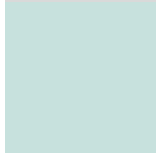
Original Color

167, 207, 240



Achromatopsia

217, 217, 217



Achromatomaly

199, 213, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 207, 240 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, 240, 227)` looks like.

```
.text, #text, p{  
    color:rgb(167, 240, 227)  
}
```

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, 240, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 240, 227) }
```

Border

The CSS property to change the border of an element to RYB 167, 207, 240 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, 240, 227) }
```

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

```
.border{ border-color:rgb(167, 240, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 240, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 240, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 240, 227); box-shadow:4px 4px 4px 4px rgb(167, 240, 227) }
```

Background

The CSS property to change the background color of an element to RYB 167, 207, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 240, 227) }
```

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

```
.background{ background-color: rgb(167,  
240, 227) }
```

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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