

Converting Colors

`RYB(167, 210, 247)`

Have a look what the booklet for
RYB(167, 210, 247) contains.

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Color

R_YB(167, 210, 247)

Conversions

Conversions Part 1

Format	Color
Hex	A7F7EC
RGB	167, 247, 236
RGB Percent	65%, 97%, 93%
CMY	0.3451, 0.0314, 0.0751
CMYK	0.32, 0.00, 0.05, 0.03
HSL	172°, 83%, 81%
HSV	172°, 32%, 97%
XYZ	64.3138, 80.7837, 91.4360
YIQ	221.8260, -44.1490, -20.3810

Conversions

Conversions Part 2

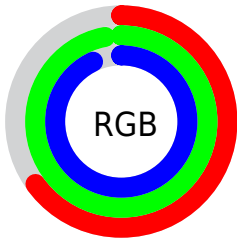
Format	Color
R _Y B	167, 210, 247
Decimal	11007980
CIE Lab	92.04, -26.71, -2.42
CIE LCh	92, 26.819, 185.182
Yxy	80.7837, 0.2719, 0.3415
Android (android.graphics.Color)	4289198060 (0xFFA7F7EC)
YUV	221.8260, 6.9878, -48.0824
Hunter-Lab	89.8797, -29.5632, 2.5992

Details

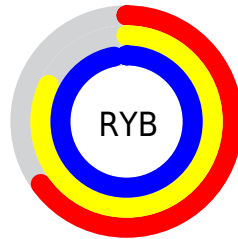
The RYB color **167, 210, 247** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **247, 167, 178**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **224, 240, 255**, and **112, 154, 190** is the 20% darker color. If you saturate the color by 10%, you get **142, 199, 247**, and if you desaturate by 10%, it is **192, 222, 247**.

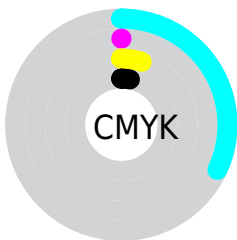
Distribution



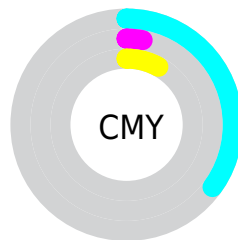
- Red (65%)
- Green (97%)
- Blue (93%)



- Red (65%)
- Yellow (82%)
- Blue (97%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)



- Cyan (35%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 210, 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, 210, 247 by changing the saturation by 10% instead.

 167, 210, 247


255, 255, 255


 224, 240, 255

254, 255, 255

 167, 210, 247

 139, 181, 218

 112, 154, 190

 84, 126, 163

 56, 99, 137

 24, 70, 111

 0, 45, 86


 0, 33, 62

 0, 22, 40

 0, 7, 14

 167, 210, 247


 167, 210, 247

 142, 199, 247


 192, 222, 247

 118, 187, 247


 216, 233, 247

 93, 176, 247


 241, 244, 247

 68, 164, 247


 255, 247, 250

 44, 153, 247

 255, 247, 253

 19, 142, 247

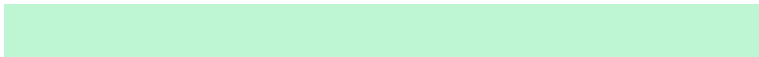
 255, 247, 255

 0, 133, 247

Harmonies

Analogous

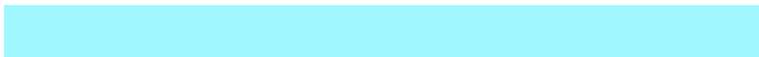
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



190, 230, 245



167, 210, 247



161, 206, 255

Triad

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



167, 210, 247



242, 224, 255



246, 255, 186

Complementary

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



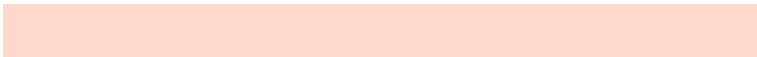
167, 210, 247



247, 167, 178

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, 220, 204



167, 210, 247



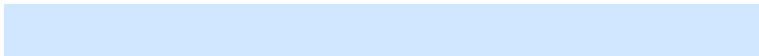
255, 217, 254

Square

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



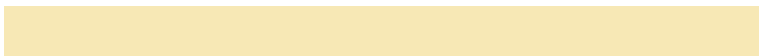
167, 210, 247



208, 224, 255



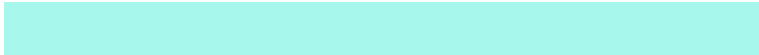
255, 214, 229



200, 247, 181

Rectangle

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



167, 210, 247



169, 209, 255



255, 214, 229



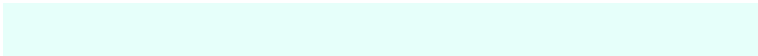
255, 247, 191

Sweetspot

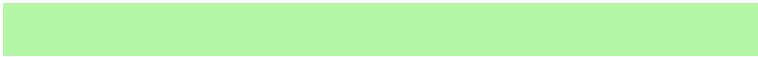
The Sweet Spot groups the original color and five complimentary colors.



167, 210, 247



230, 244, 255



167, 247, 235



112, 121, 128



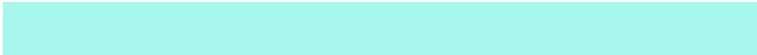
0, 0, 0



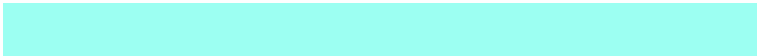
128, 128, 128

Same Dimension

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



167, 210, 247



156, 209, 255



167, 199, 247



110, 116, 122



0, 100, 186



0, 32, 59

Inverse Universe

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



247, 167, 178



255, 156, 169



247, 210, 167



122, 110, 112



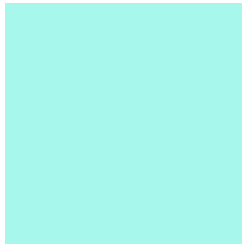
186, 0, 26



59, 0, 8

Previews

White Background



This preview shows how the RYB color 167, 210, 247 looks on a white background.

Color Contrast Check

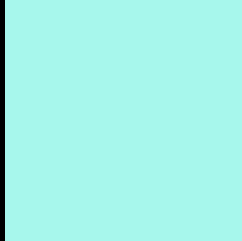
Large Text (above 18pt) WCAG AA × Fail

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, 210, 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, 210, 247 Background



This preview shows how black text looks on a background with the RYB color 167, 210, 247.

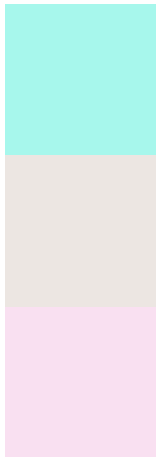


This preview shows how white text looks on a background with the RYB color 167, 210, 247.

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



Original Color
167, 210, 247

Protanopia
236, 233, 226

Deuteranopia
249, 224, 241



Tritanopia
190, 218, 255

Trichromacy



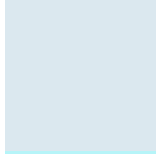
Original Color

167, 210, 247



Protanomaly

211, 225, 236



Deuteranomaly

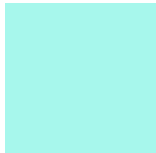
219, 227, 239



Tritanomaly

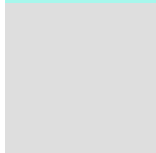
182, 214, 248

Monochromacy



Original Color

167, 210, 247



Achromatopsia

222, 222, 222



Achromatomaly

202, 218, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 210, 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, 247, 236)` looks like.

```
.text, #text, p{  
    color:rgb(167, 247, 236)  
}
```

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, 247, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 247, 236) }
```

Border

The CSS property to change the border of an element to RYB 167, 210, 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, 247, 236) }
```

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

```
.border{ border-color:rgb(167, 247, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 247, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 247, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 247, 236);  
box-shadow:4px 4px 4px 4px rgb(167, 247,  
236) }
```

Background

The CSS property to change the background color of an element to RYB 167, 210, 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, 247, 236) }
```

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

```
.background{ background-color: rgb(167,  
247, 236) }
```

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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