

Converting Colors

`RYB(167, 203, 241)`

Have a look what the booklet for
RYB(167, 203, 241) contains.

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Color

R_YB(167, 203, 241)

Conversions

Conversions Part 1

Format	Color
Hex	A7EDF1
RGB	167, 237, 241
RGB Percent	65%, 93%, 95%
CMY	0.3451, 0.0702, 0.0549
CMYK	0.31, 0.02, 0.00, 0.05
HSL	183°, 73%, 80%
HSV	183°, 31%, 95%
XYZ	62.1282, 75.1957, 94.4588
YIQ	216.5260, -43.0040, -13.5960

Conversions

Conversions Part 2

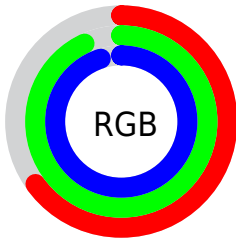
Format	Color
RYB	167, 203, 241
Decimal	11005425
CIELab	89.48, -20.74, -8.88
CIELCh	89, 22.564, 203.167
Yxy	75.1957, 0.2680, 0.3244
Android (android.graphics.Color)	4289195505 (0xFFA7EDF1)
YUV	216.5260, 12.0657, -43.4343
Hunter-Lab	86.7155, -23.8638, -3.8835

Details

The RYB color **167, 203, 241** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **241, 171, 167**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **224, 240, 255**, and **112, 147, 185** is the 20% darker color. If you saturate the color by 10%, you get **143, 191, 241**, and if you desaturate by 10%, it is **191, 215, 241**.

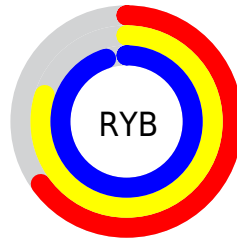
Distribution



Red (65%)

Green (93%)

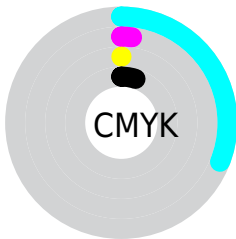
Blue (95%)



Red (65%)

Yellow (80%)

Blue (95%)

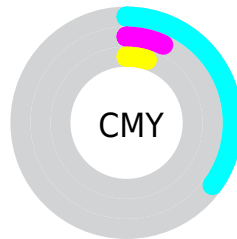


Cyan (31%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the RYB color 167, 203, 241 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, 203, 241 by changing the saturation by 10% instead.

 167, 203, 241

 167, 203, 241


255, 255, 255

 139, 175, 213

 224, 240, 255

 112, 147, 185

253, 254, 255


 85, 120, 158

 57, 93, 132

 27, 66, 107

 0, 40, 83

 0, 29, 60

 0, 18, 38

 0, 1, 18

167, 203, 241

167, 203, 241

143, 191, 241

191, 215, 241

119, 178, 241

215, 228, 241

95, 166, 241

239, 240, 241

71, 154, 241

255, 242, 241

46, 141, 241

255, 243, 241

22, 128, 241

255, 247, 241

0, 117, 241

255, 249, 241

255, 252, 241

252, 255, 241

Harmonies

Analogous

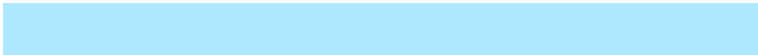
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



178, 213, 237



167, 203, 241



173, 208, 255

Triad

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



167, 203, 241



248, 214, 251



223, 247, 182

Complementary

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



167, 203, 241



241, 171, 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, 229, 191



167, 203, 241



255, 210, 231

Square

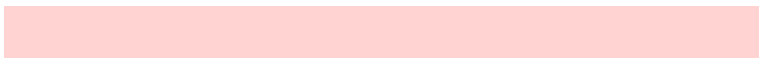
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



167, 203, 241



222, 221, 255



255, 211, 209



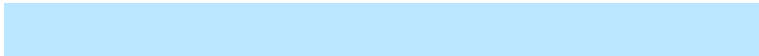
185, 229, 190

Rectangle

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



167, 203, 241



186, 213, 255



255, 211, 209



251, 253, 184

Sweetspot

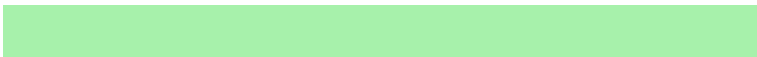
The Sweet Spot groups the original color and five complimentary colors.



167, 203, 241



232, 243, 255



167, 237, 241



113, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



167, 203, 241



161, 207, 255



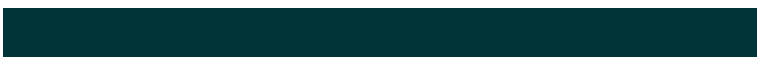
167, 190, 241



108, 114, 120



0, 89, 184



0, 27, 56

Inverse Universe

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



241, 167, 237



255, 161, 250



227, 241, 167



120, 108, 119



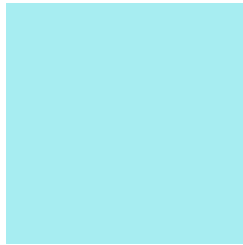
184, 0, 174



56, 0, 53

Previews

White Background



This preview shows how the RYB color 167, 203, 241 looks on a white background.

Color Contrast Check

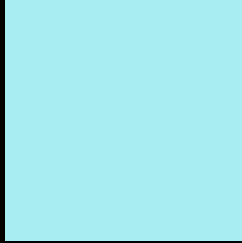
Large Text (above 18pt) WCAG AA × Fail

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, 203, 241 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, 203, 241 Background



This preview shows how black text looks on a background with the RYB color 167, 203, 241.



This preview shows how white text looks on a background with the RYB color 167, 203, 241.

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





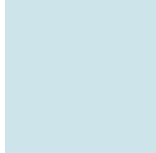
Tritanopia
170, 207, 254

Trichromacy



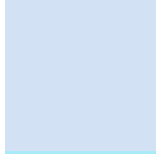
Original Color

167, 203, 241



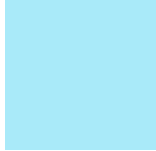
Protanomaly

205, 218, 235



Deuteranomaly

211, 221, 244



Tritanomaly

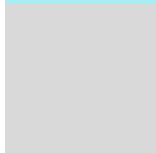
169, 205, 249

Monochromacy



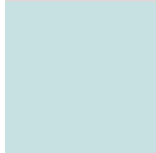
Original Color

167, 203, 241



Achromatopsia

217, 217, 217



Achromatomaly

199, 212, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 203, 241 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, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(167, 237, 241)  
}
```

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, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 237, 241) }
```

Border

The CSS property to change the border of an element to RYB 167, 203, 241 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, 237, 241) }
```

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

```
.border{ border-color:rgb(167, 237, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 237, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(167, 237,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 167, 203, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 237, 241) }
```

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

```
.background{ background-color: rgb(167,  
237, 241) }
```

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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