

Converting Colors

`RYB(167, 241, 227)`

Have a look what the booklet for
RYB(167, 241, 227) contains.

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Color

R_YB(167, 241, 227)

Conversions

Conversions Part 1

Format	Color
Hex	B5F1A7
RGB	181, 241, 167
RGB Percent	71%, 95%, 65%
CMY	0.2902, 0.0549, 0.3451
CMYK	0.25, 0.00, 0.31, 0.05
HSL	109°, 73%, 80%
HSV	109°, 31%, 95%
XYZ	57.4864, 75.5244, 48.1070
YIQ	214.6240, -12.0060, -35.7340

Conversions

Conversions Part 2

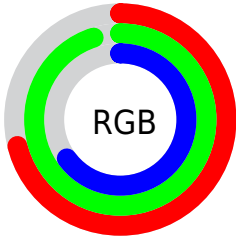
Format	Color
RYB	167, 241, 227
Decimal	11923879
CIELab	89.64, -32.49, 29.81
CIElCh	90, 44.094, 137.470
Yxy	75.5244, 0.3174, 0.4170
Android (android.graphics.Color)	4290113959 (0xFFB5F1A7)
YUV	214.6240, -23.4786, -29.4882
Hunter-Lab	86.9048, -34.0078, 28.0127

Details

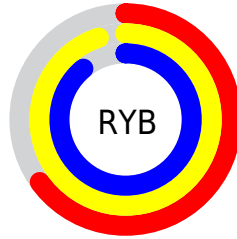
The RYB color **167, 241, 227** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **227, 167, 241**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **223, 255, 240**, and **114, 185, 172** is the 20% darker color. If you saturate the color by 10%, you get **143, 241, 223**, and if you desaturate by 10%, it is **191, 241, 231**.

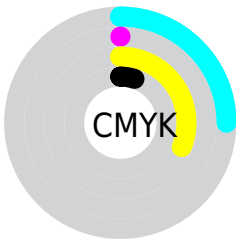
Distribution



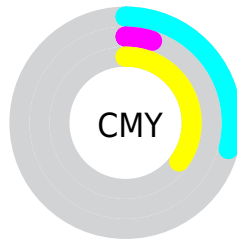
- Red (71%)
- Green (95%)
- Blue (65%)



- Red (65%)
- Yellow (95%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (31%)
- Black (5%)



- Cyan (29%)
- Magenta (5%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 241, 227 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, 241, 227 by changing the saturation by 10% instead.

 167, 241, 227

255, 255, 255


 223, 255, 240


 251, 255, 251

 167, 241, 227

 140, 212, 199

 114, 185, 172


 89, 157, 146

 65, 131, 122

 42, 106, 99

 18, 81, 78

 0, 57, 57


 0, 37, 37

 0, 0, 0

 167, 241, 227

 167, 241, 227

 143, 241, 223

 191, 241, 231

 119, 241, 218

 215, 241, 236

 95, 241, 214

 239, 241, 240

 71, 241, 209

 255, 241, 255

 46, 241, 204

 22, 241, 199

 0, 241, 195

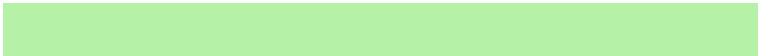
Harmonies

Analogous

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



144, 231, 146



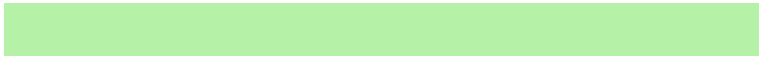
167, 241, 227



128, 200, 247

Triad

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



167, 241, 227



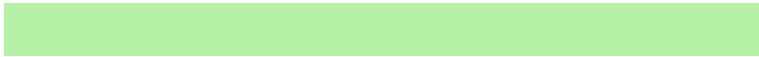
136, 190, 255



255, 194, 202

Complementary

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



167, 241, 227



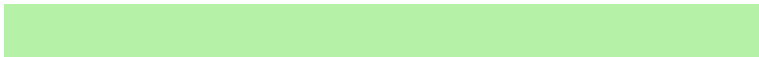
227, 167, 241

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, 195, 245



167, 241, 227



205, 217, 255

Square

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



167, 241, 227



73, 161, 255



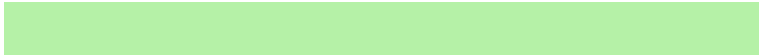
255, 206, 255



255, 231, 165

Rectangle

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



167, 241, 227



92, 173, 248



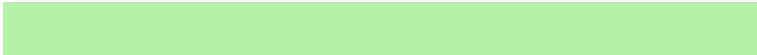
255, 206, 255



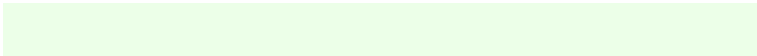
255, 193, 216

Sweetspot

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



167, 241, 227



232, 255, 251



186, 241, 167



113, 128, 125



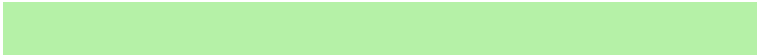
0, 0, 0



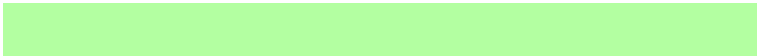
128, 128, 128

Same Dimension

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



167, 241, 227



161, 255, 237



167, 224, 241



108, 120, 118



0, 184, 149



0, 56, 45

Inverse Universe

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



227, 167, 241



237, 161, 255



241, 167, 219



118, 108, 120



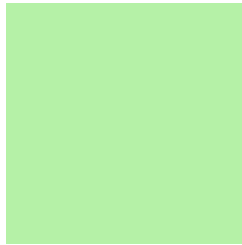
149, 0, 184



45, 0, 56

Previews

White Background



This preview shows how the RYB color 167, 241, 227 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, 241, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

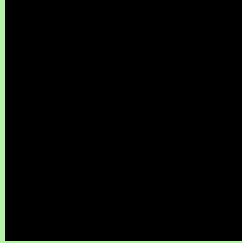
Any Text WCAG AA ✓ Pass

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, 241, 227 Background



This preview shows how black text looks on a background with the RYB color 167, 241, 227.

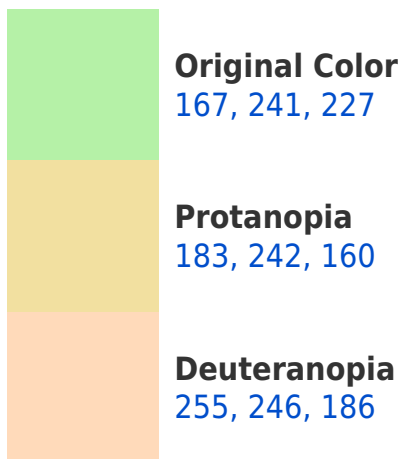


This preview shows how white text looks on a background with the RYB color 167, 241, 227.

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
195, 217, 249

Trichromacy



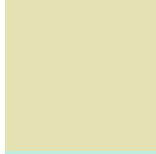
Original Color

167, 241, 227



Protanomaly

163, 230, 173



Deuteranomaly

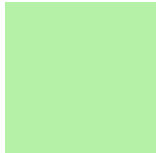
181, 228, 179



Tritanomaly

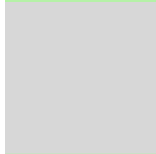
190, 217, 235

Monochromacy



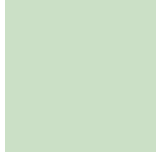
Original Color

167, 241, 227



Achromatopsia

215, 215, 215



Achromatomaly

198, 224, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 241, 227 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(181, 241, 167)` looks like.

```
.text, #text, p{  
    color:rgb(181, 241, 167)  
}
```

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(181, 241, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 241, 167) }
```

Border

The CSS property to change the border of an element to RYB 167, 241, 227 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(181, 241, 167) }
```

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

```
.border{ border-color:rgb(181, 241, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 241, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 241, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 241, 167);  
box-shadow:4px 4px 4px 4px rgb(181, 241,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 167, 241, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 241, 167) }
```

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

```
.background{ background-color: rgb(181,  
241, 167) }
```

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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