

Converting Colors

`RYB(177, 237, 247)`

Have a look what the booklet for
RYB(177, 237, 247) contains.

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Color

R_YB(177, 237, 247)

Conversions

Conversions Part 1

Format	Color
Hex	B1F7BD
RGB	177, 247, 189
RGB Percent	69%, 97%, 74%
CMY	0.3059, 0.0314, 0.2601
CMYK	0.28, 0.00, 0.24, 0.03
HSL	130°, 81%, 83%
HSV	130°, 28%, 97%
XYZ	60.5414, 79.5283, 60.1143
YIQ	219.4580, -23.1020, -32.8780

Conversions

Conversions Part 2

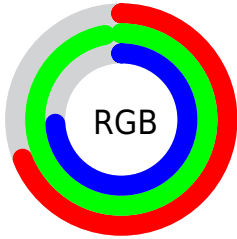
Format	Color
RYB	177, 237, 247
Decimal	11663293
CIELab	91.47, -33.04, 21.23
CIELCh	91, 39.271, 147.283
Yxy	79.5283, 0.3024, 0.3973
Android (android.graphics.Color)	4289853373 (0xFFB1F7BD)
YUV	219.4580, -15.0158, -37.2357
Hunter-Lab	89.1786, -34.8830, 22.4584

Details

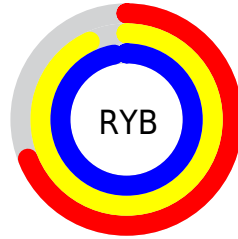
The RYB color **177, 237, 247** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **247, 177, 235**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **234, 248, 255**, and **122, 179, 190** is the 20% darker color. If you saturate the color by 10%, you get **152, 233, 247**, and if you desaturate by 10%, it is **202, 241, 247**.

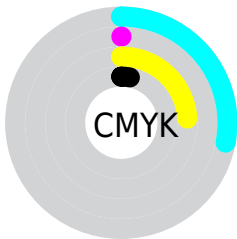
Distribution



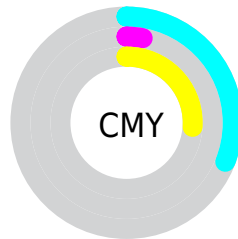
- Red (69%)
- Green (97%)
- Blue (74%)



- Red (69%)
- Yellow (93%)
- Blue (97%)



- Cyan (28%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)



- Cyan (31%)
- Magenta (3%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 237, 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 177, 237, 247 by changing the saturation by 10% instead.

 177, 237, 247


255, 255, 255


 234, 248, 255

 177, 237, 247


 149, 207, 218

 122, 179, 190

 96, 151, 163


 70, 124, 136

 44, 97, 111

 13, 67, 86

 0, 49, 62

 0, 40, 40

 0, 10, 10

■ 177, 237, 247

■ 177, 237, 247

■ 152, 233, 247

■ 202, 241, 247

■ 128, 230, 247

■ 226, 244, 247

■ 103, 226, 247

■ 251, 247, 250

■ 78, 223, 247

■ 255, 247, 255

■ 54, 220, 247

■ 29, 216, 247

■ 4, 212, 247

■ 0, 212, 247

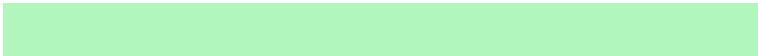
Harmonies

Analogous

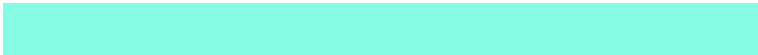
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163, 239, 181



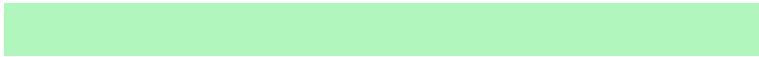
177, 237, 247



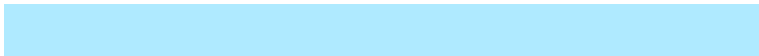
134, 199, 251

Triad

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



177, 237, 247



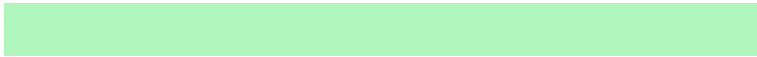
175, 209, 255



255, 206, 198

Complementary

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



177, 237, 247



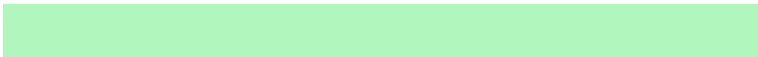
247, 177, 235

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, 203, 235



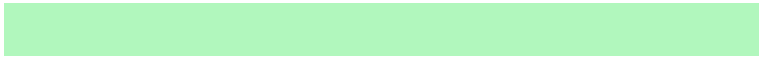
177, 237, 247



231, 222, 255

Square

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



177, 237, 247



123, 186, 255



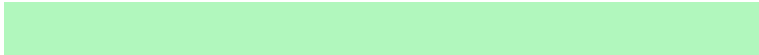
255, 209, 255



246, 255, 168

Rectangle

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



177, 237, 247



112, 182, 252



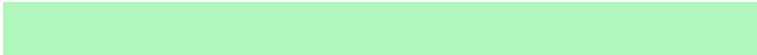
255, 209, 255



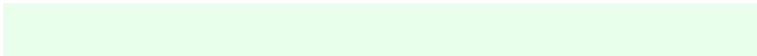
255, 203, 210

Sweetspot

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



177, 237, 247



232, 252, 255



177, 247, 189



113, 126, 128



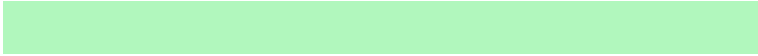
0, 0, 0



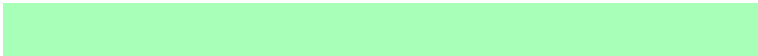
128, 128, 128

Same Dimension

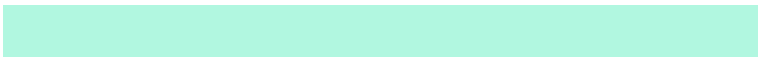
The Same Dimension uses a secret algorithm to generate beautiful new colors.



177, 237, 247



168, 242, 255



177, 219, 247



110, 120, 122



0, 159, 186



0, 50, 59

Inverse Universe

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



247, 177, 235



255, 168, 241



247, 177, 200



122, 110, 120



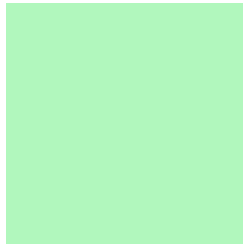
186, 0, 155



59, 0, 49

Previews

White Background



This preview shows how the RYB color 177, 237, 247 looks on a white background.

Color Contrast Check

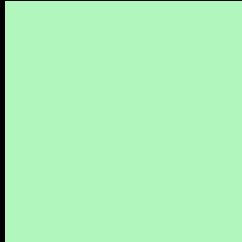
Large Text (above 18pt) WCAG AA × Fail

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 177, 237, 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 177, 237, 247 Background



This preview shows how black text looks on a background with the RYB color 177, 237, 247.



This preview shows how white text looks on a background with the RYB color 177, 237, 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





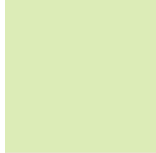
Tritanopia
193, 219, 255

Trichromacy



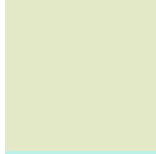
Original Color

177, 237, 247



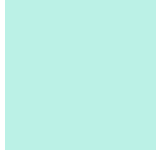
Protanomaly

183, 236, 199



Deuteranomaly

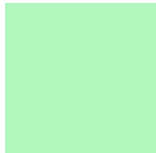
199, 232, 204



Tritanomaly

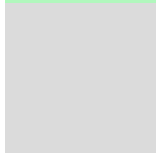
187, 217, 241

Monochromacy



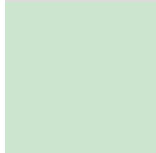
Original Color

177, 237, 247



Achromatopsia

219, 219, 219



Achromatomaly

204, 226, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 237, 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(177, 247, 189)` looks like.

```
.text, #text, p{  
    color:rgb(177, 247, 189)  
}
```

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(177, 247, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 247, 189) }
```

Border

The CSS property to change the border of an element to RYB 177, 237, 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(177, 247, 189) }
```

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

```
.border{ border-color:rgb(177, 247, 189) }
```

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

Here you see how a box with a 4 pixel rgb(177, 247, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 247, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 247, 189);  
box-shadow:4px 4px 4px 4px rgb(177, 247,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 177, 237, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 247, 189) }
```

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

```
.background{ background-color: rgb(177,  
247, 189) }
```

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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