

Converting Colors

`RYB(177, 243, 246)`

Have a look what the booklet for
RYB(177, 243, 246) contains.

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Color

R_YB(177, 243, 246)

Conversions

Conversions Part 1

Format	Color
Hex	B1F6B4
RGB	177, 246, 180
RGB Percent	69%, 96%, 71%
CMY	0.3059, 0.0353, 0.2936
CMYK	0.28, 0.00, 0.27, 0.04
HSL	123°, 79%, 83%
HSV	123°, 28%, 96%
XYZ	59.3394, 78.5595, 55.2889
YIQ	217.8450, -19.9380, -35.1540

Conversions

Conversions Part 2

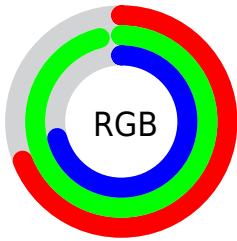
Format	Color
RYB	177, 243, 246
Decimal	11663028
CIELab	91.03, -34.02, 24.98
CIElCh	91, 42.206, 143.706
Yxy	78.5595, 0.3072, 0.4066
Android (android.graphics.Color)	4289853108 (0xFFB1F6B4)
YUV	217.8450, -18.6576, -35.8211
Hunter-Lab	88.6338, -35.6054, 25.0591

Details

The RYB color **177, 243, 246** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **246, 177, 243**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **234, 253, 255**, and **122, 184, 189** is the 20% darker color. If you saturate the color by 10%, you get **152, 241, 246**, and if you desaturate by 10%, it is **202, 244, 246**.

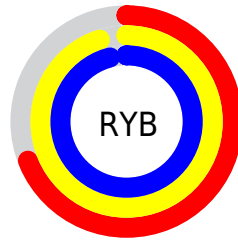
Distribution



Red (69%)

Green (96%)

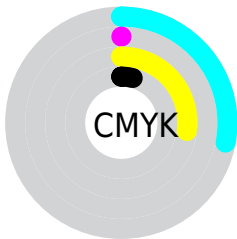
Blue (71%)



Red (69%)

Yellow (95%)

Blue (96%)

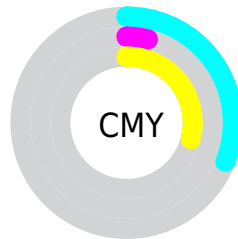


Cyan (28%)

Magenta (0%)

Yellow (27%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 243, 246 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, 243, 246 by changing the saturation by 10% instead.

 177, 243, 246


255, 255, 255


 234, 253, 255


 177, 243, 246


 149, 213, 217

 122, 184, 189


 96, 157, 162


 70, 129, 135

 44, 101, 110

 13, 71, 85

 0, 54, 61

 0, 39, 39

 0, 7, 7

 177, 243, 246

 177, 243, 246

 152, 241, 246

 202, 244, 246

 128, 241, 246

 226, 245, 246

 103, 239, 246

 251, 246, 251

 79, 239, 246

 255, 246, 255

 54, 237, 246

 29, 236, 246

 5, 235, 246

 0, 235, 246

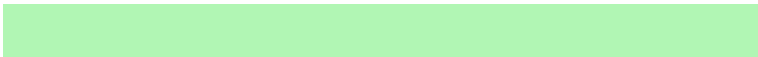
Harmonies

Analogous

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



154, 237, 167



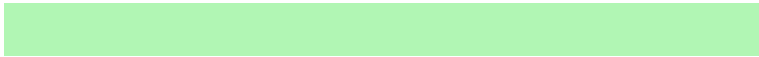
177, 243, 246



128, 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, 243, 246



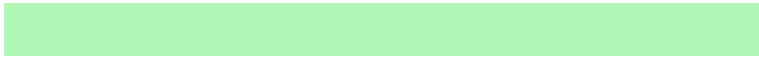
160, 202, 255



255, 200, 199

Complementary

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



177, 243, 246



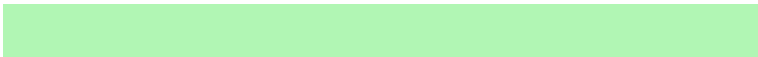
246, 177, 243

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, 199, 240



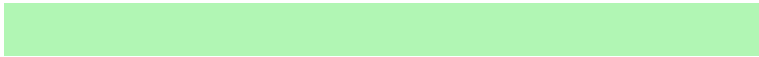
177, 243, 246



223, 222, 255

Square

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



177, 243, 246



101, 176, 255



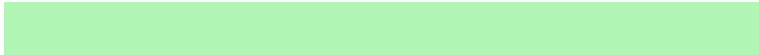
255, 208, 255



255, 253, 166

Rectangle

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



177, 243, 246



98, 176, 251



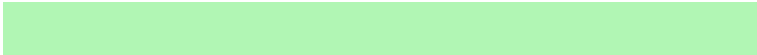
255, 208, 255



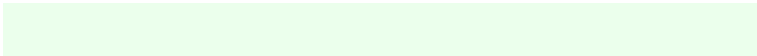
255, 199, 212

Sweetspot

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



177, 243, 246



235, 254, 255



177, 246, 179



115, 128, 128



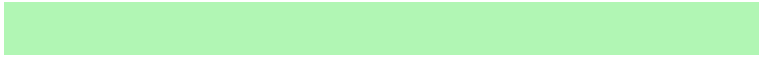
0, 0, 0



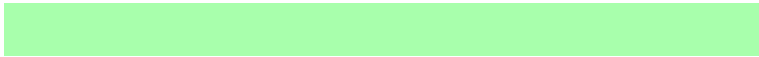
128, 128, 128

Same Dimension

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



177, 243, 246



168, 251, 255



177, 222, 246



110, 121, 122



0, 178, 186



0, 56, 59

Inverse Universe

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



246, 177, 243



255, 168, 251



246, 177, 209



122, 110, 122



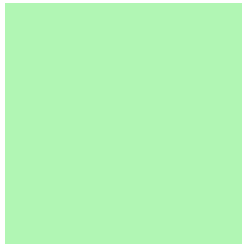
186, 0, 178



59, 0, 56

Previews

White Background



This preview shows how the RYB color 177, 243, 246 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, 243, 246 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, 243, 246 Background



This preview shows how black text looks on a background with the RYB color 177, 243, 246.

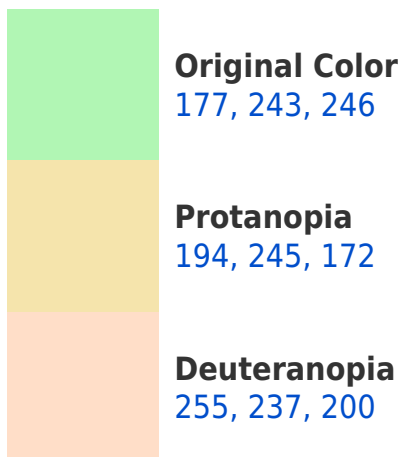


This preview shows how white text looks on a background with the RYB color 177, 243, 246.

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





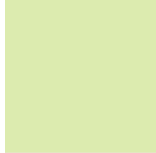
Tritanopia
191, 217, 255

Trichromacy



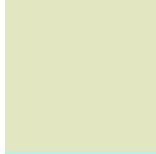
Original Color

177, 243, 246



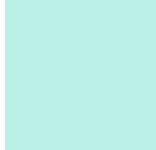
Protanomaly

175, 235, 190



Deuteranomaly

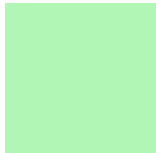
193, 231, 197



Tritanomaly

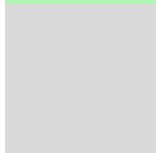
186, 216, 240

Monochromacy



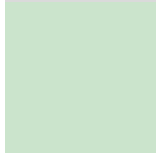
Original Color

177, 243, 246



Achromatopsia

218, 218, 218



Achromatomaly

203, 227, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 243, 246 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, 246, 180)` looks like.

```
.text, #text, p{  
    color:rgb(177, 246, 180)  
}
```

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, 246, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 246, 180) }
```

Border

The CSS property to change the border of an element to RYB 177, 243, 246 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, 246, 180) }
```

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

```
.border{ border-color:rgb(177, 246, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 246, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 246, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 246, 180); box-shadow:4px 4px 4px 4px rgb(177, 246, 180) }
```

Background

The CSS property to change the background color of an element to RYB 177, 243, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 246, 180) }
```

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

```
.background{ background-color: rgb(177,  
246, 180) }
```

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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