

Converting Colors

`RYB(178, 236, 245)`

Have a look what the booklet for
RYB(178, 236, 245) contains.

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Color

R_YB(178, 236, 245)

Conversions

Conversions Part 1

Format	Color
Hex	B2F5BC
RGB	178, 245, 188
RGB Percent	70%, 96%, 74%
CMY	0.3020, 0.0392, 0.2612
CMYK	0.27, 0.00, 0.23, 0.04
HSL	129°, 77%, 83%
HSV	129°, 27%, 96%
XYZ	60.1324, 78.4178, 59.7682
YIQ	218.4690, -21.6350, -31.9310

Conversions

Conversions Part 2

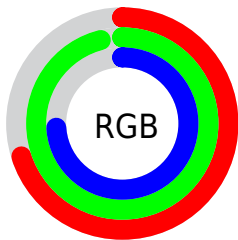
Format	Color
RYB	178, 236, 245
Decimal	11728316
CIELab	90.97, -31.85, 20.67
CIElCh	91, 37.968, 147.008
Yxy	78.4178, 0.3032, 0.3954
Android (android.graphics.Color)	4289918396 (0xFFB2F5BC)
YUV	218.4690, -15.0212, -35.4913
Hunter-Lab	88.5538, -33.7588, 21.9707

Details

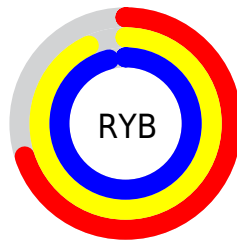
The RYB color **178, 236, 245** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **245, 178, 235**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **235, 249, 255**, and **124, 179, 188** is the 20% darker color. If you saturate the color by 10%, you get **154, 233, 245**, and if you desaturate by 10%, it is **203, 240, 245**.

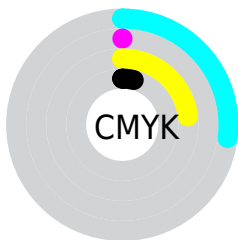
Distribution



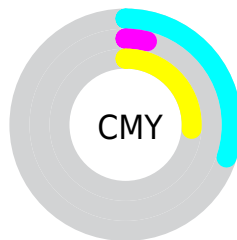
- Red (70%)
- Green (96%)
- Blue (74%)



- Red (70%)
- Yellow (93%)
- Blue (96%)



- Cyan (27%)
- Magenta (0%)
- Yellow (23%)
- Black (4%)



- Cyan (30%)
- Magenta (4%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 236, 245 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 178, 236, 245 by changing the saturation by 10% instead.

 178, 236, 245


255, 255, 255


 235, 248, 255

 178, 236, 245

 150, 207, 216

 124, 179, 188


 97, 151, 161

 71, 124, 135

 46, 97, 109

 17, 67, 84

 0, 47, 60

 0, 39, 39

 0, 7, 7

 178, 236, 245

 178, 236, 245

 154, 233, 245

 203, 240, 245

 129, 229, 245

 227, 242, 245

 104, 226, 245

 251, 245, 250

 80, 223, 245

 255, 245, 255

 55, 219, 245

 31, 216, 245

 6, 212, 245

 0, 212, 245

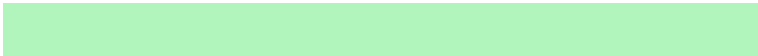
Harmonies

Analogous

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



163, 237, 180



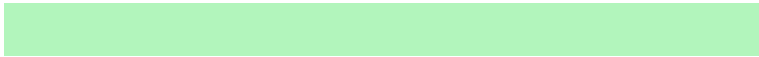
178, 236, 245



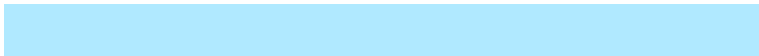
137, 200, 249

Triad

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



178, 236, 245



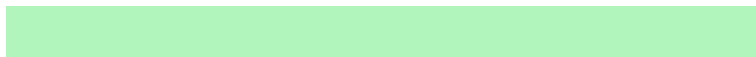
176, 209, 255



255, 205, 198

Complementary

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



178, 236, 245



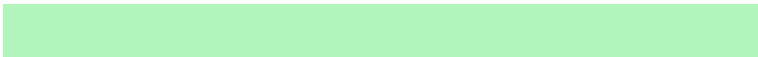
245, 178, 235

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, 202, 234



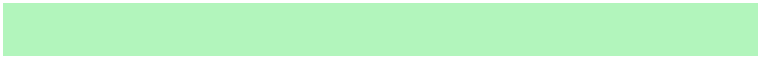
178, 236, 245



229, 221, 255

Square

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



178, 236, 245



127, 188, 255



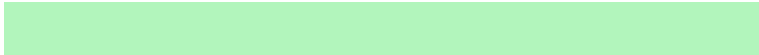
255, 209, 255



251, 255, 169

Rectangle

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



178, 236, 245



116, 183, 249



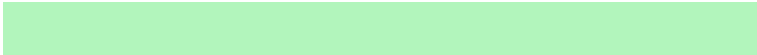
255, 209, 255



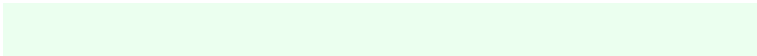
255, 202, 210

Sweetspot

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



178, 236, 245



235, 252, 255



178, 245, 188



115, 126, 128



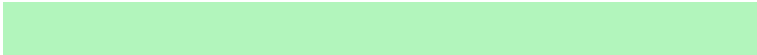
0, 0, 0



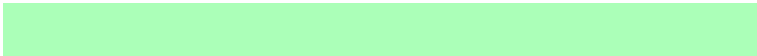
128, 128, 128

Same Dimension

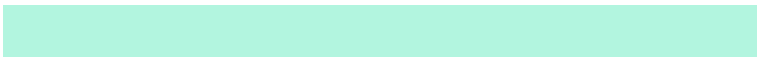
The Same Dimension uses a secret algorithm to generate beautiful new colors.



178, 236, 245



171, 244, 255



178, 218, 245



110, 120, 122



0, 161, 186



0, 51, 59

Inverse Universe

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



245, 178, 235



255, 171, 242



245, 178, 201



122, 110, 121



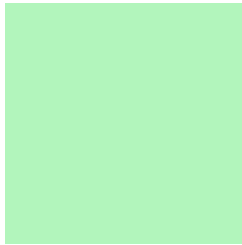
186, 0, 157



59, 0, 50

Previews

White Background



This preview shows how the RYB color 178, 236, 245 looks on a white background.

Color Contrast Check

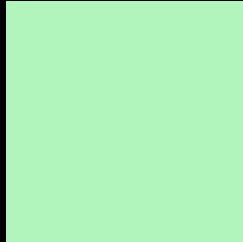
Large Text (above 18pt) WCAG AA × Fail

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 178, 236, 245 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

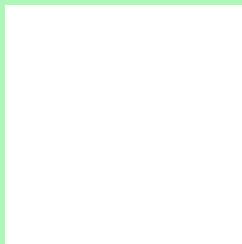
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 178, 236, 245 Background



This preview shows how black text looks on a background with the RYB color 178, 236, 245.

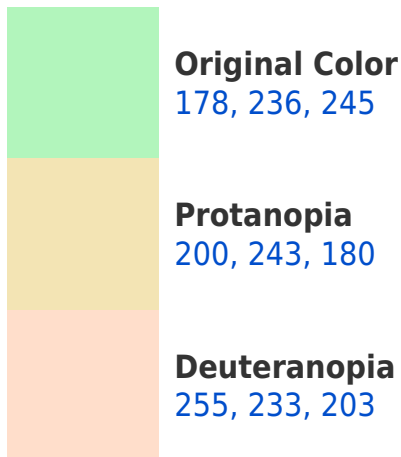


This preview shows how white text looks on a background with the RYB color 178, 236, 245.

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





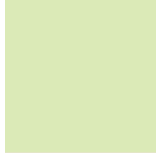
Tritanopia
190, 217, 255

Trichromacy



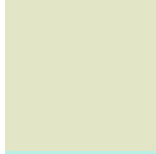
Original Color

178, 236, 245



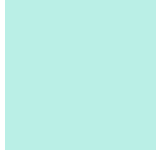
Protanomaly

183, 234, 198



Deuteranomaly

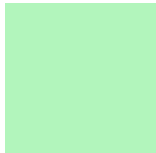
198, 230, 201



Tritanomaly

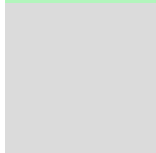
186, 215, 239

Monochromacy



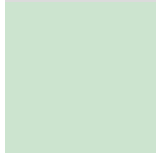
Original Color

178, 236, 245



Achromatopsia

219, 219, 219



Achromatomaly

204, 225, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 236, 245 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(178, 245, 188)` looks like.

```
.text, #text, p{  
    color:rgb(178, 245, 188)  
}
```

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(178, 245, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 245, 188) }
```

Border

The CSS property to change the border of an element to RYB 178, 236, 245 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(178, 245, 188) }
```

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

```
.border{ border-color:rgb(178, 245, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 245, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 245, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 245, 188);  
box-shadow:4px 4px 4px 4px rgb(178, 245,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 178, 236, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 245, 188) }
```

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

```
.background{ background-color: rgb(178,  
245, 188) }
```

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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