

Converting Colors

`RYB(178, 248, 247)`

Have a look what the booklet for
RYB(178, 248, 247) contains.

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Color

R_YB(178, 248, 247)

Conversions

Conversions Part 1

Format	Color
Hex	B3F8B2
RGB	179, 248, 178
RGB Percent	70%, 97%, 70%
CMY	0.2980, 0.0275, 0.3020
CMYK	0.28, 0.00, 0.28, 0.03
HSL	119°, 83%, 84%
HSV	119°, 28%, 97%
XYZ	60.1937, 79.9329, 54.3755
YIQ	219.3890, -18.6540, -36.3980

Conversions

Conversions Part 2

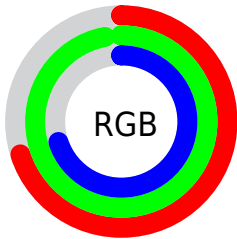
Format	Color
RYB	178, 248, 247
Decimal	11794610
CIELab	91.65, -34.65, 26.94
CIElCh	92, 43.888, 142.140
Yxy	79.9329, 0.3095, 0.4110
Android (android.graphics.Color)	4289984690 (0xFFB3F8B2)
YUV	219.3890, -20.4048, -35.4212
Hunter-Lab	89.4052, -36.2806, 26.5239

Details

The RYB color **178, 248, 247** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **247, 178, 248**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **234, 255, 253**, and **124, 190, 191** is the 20% darker color. If you saturate the color by 10%, you get **153, 248, 246**, and if you desaturate by 10%, it is **203, 248, 248**.

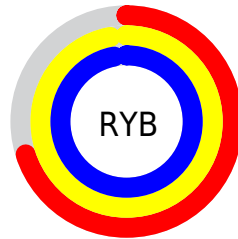
Distribution



Red (70%)

Green (97%)

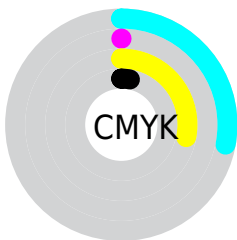
Blue (70%)



Red (70%)

Yellow (97%)

Blue (97%)

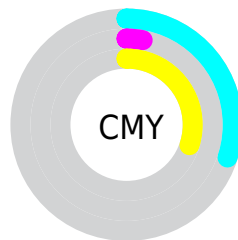


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (3%)



Cyan (30%)

Magenta (3%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 248, 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 178, 248, 247 by changing the saturation by 10% instead.

 178, 248, 247


255, 255, 255


 234, 255, 253


 178, 248, 247

 151, 219, 219

 124, 190, 191

 98, 162, 164


 72, 134, 137

 45, 105, 111

 15, 75, 87

 0, 58, 63

 0, 41, 41

 0, 11, 11

 178, 248, 247

 178, 248, 247

 153, 248, 246

 203, 248, 248

 128, 248, 246

 228, 248, 248

 104, 248, 246

 252, 248, 252

 79, 248, 246

 255, 248, 255

 54, 248, 245

 29, 248, 245

 4, 248, 244

 0, 248, 244

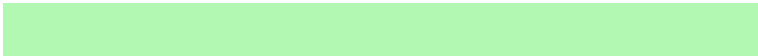
Harmonies

Analogous

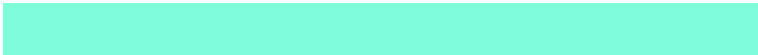
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



152, 238, 162



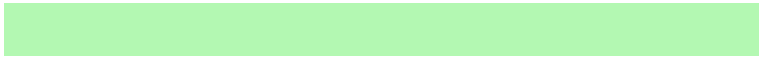
178, 248, 247



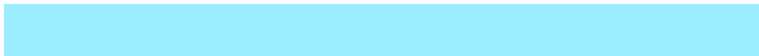
127, 200, 253

Triad

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



178, 248, 247



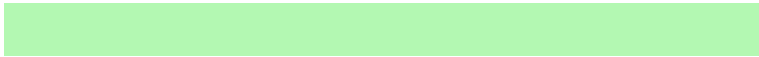
154, 200, 255



255, 200, 201

Complementary

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



178, 248, 247



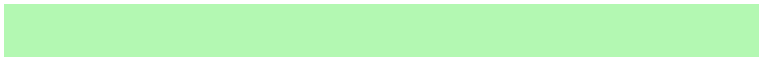
247, 178, 248

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, 200, 244



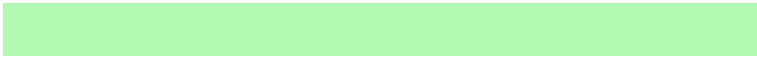
178, 248, 247



221, 224, 255

Square

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



178, 248, 247



91, 171, 255



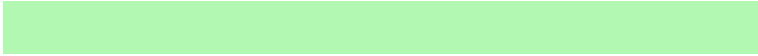
255, 209, 255



255, 253, 166

Rectangle

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



178, 248, 247



93, 175, 254



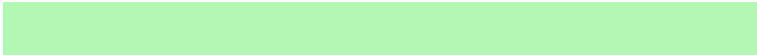
255, 209, 255



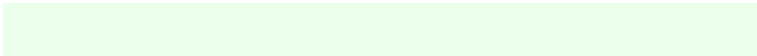
255, 199, 215

Sweetspot

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



178, 248, 247



235, 255, 255



179, 248, 178



115, 128, 128



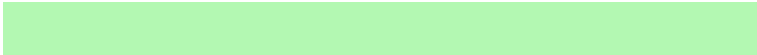
0, 0, 0



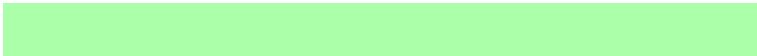
128, 128, 128

Same Dimension

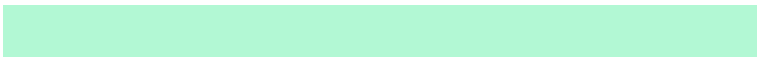
The Same Dimension uses a secret algorithm to generate beautiful new colors.



178, 248, 247



168, 255, 253



178, 225, 248



112, 125, 124



0, 189, 186



0, 61, 60

Inverse Universe

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



247, 178, 248



254, 168, 255



248, 178, 214



125, 112, 125



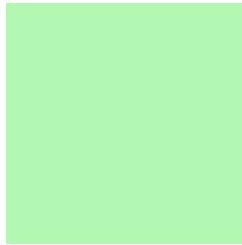
186, 0, 189



60, 0, 61

Previews

White Background



This preview shows how the RYB color 178, 248, 247 looks on a white background.

Color Contrast Check

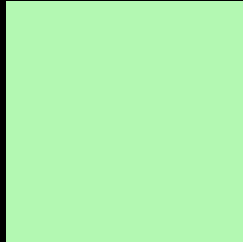
Large Text (above 18pt) WCAG AA × Fail

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 178, 248, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

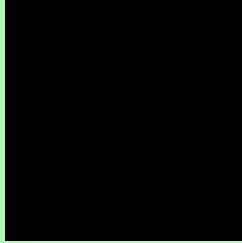
Any Text WCAG AA ✓ Pass

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 178, 248, 247 Background



This preview shows how black text looks on a background with the RYB color 178, 248, 247.

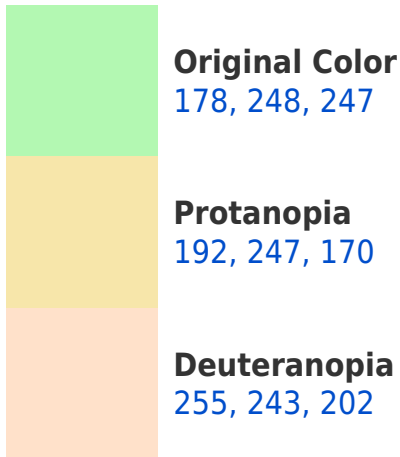


This preview shows how white text looks on a background with the RYB color 178, 248, 247.

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





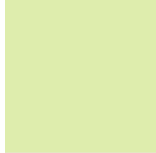
Tritanopia
196, 220, 255

Trichromacy



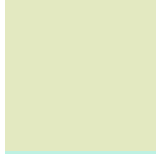
Original Color

178, 248, 247



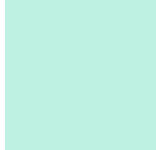
Protanomaly

173, 237, 188



Deuteranomaly

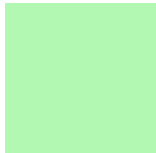
193, 233, 199



Tritanomaly

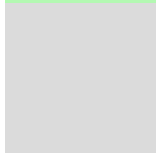
190, 220, 241

Monochromacy



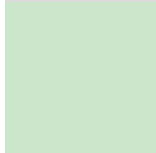
Original Color

178, 248, 247



Achromatopsia

219, 219, 219



Achromatomaly

204, 230, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 248, 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(179, 248, 178)` looks like.

```
.text, #text, p{  
    color:rgb(179, 248, 178)  
}
```

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(179, 248, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 248, 178) }
```

Border

The CSS property to change the border of an element to RYB 178, 248, 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(179, 248, 178) }
```

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

```
.border{ border-color:rgb(179, 248, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 248, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 248, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 248, 178); box-shadow:4px 4px 4px 4px rgb(179, 248, 178) }
```

Background

The CSS property to change the background color of an element to RYB 178, 248, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 248, 178) }
```

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

```
.background{ background-color: rgb(179,  
248, 178) }
```

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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