

Converting Colors

`RYB(177, 228, 244)`

Have a look what the booklet for
RYB(177, 228, 244) contains.

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Color

R_YB(177, 228, 244)

Conversions

Conversions Part 1

Format	Color
Hex	B1F4C6
RGB	177, 244, 198
RGB Percent	69%, 96%, 78%
CMY	0.3059, 0.0431, 0.2235
CMYK	0.27, 0.00, 0.19, 0.04
HSL	139°, 75%, 83%
HSV	139°, 27%, 96%
XYZ	60.6775, 78.1266, 65.3198
YIQ	218.7230, -25.1660, -28.5100

Conversions

Conversions Part 2

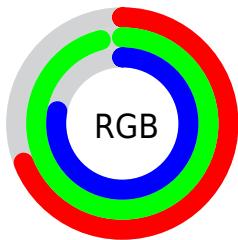
Format	Color
RYB	177, 228, 244
Decimal	11662534
CIELab	90.84, -29.98, 15.52
CIELCh	91, 33.762, 152.624
Yxy	78.1266, 0.2973, 0.3827
Android (android.graphics.Color)	4289852614 (0xFFB1F4C6)
YUV	218.7230, -10.2164, -36.5911
Hunter-Lab	88.3893, -32.1445, 18.0570

Details

The RYB color **177, 228, 244** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **244, 177, 223**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **234, 245, 255**, and **123, 171, 187** is the 20% darker color. If you saturate the color by 10%, you get **153, 223, 244**, and if you desaturate by 10%, it is **201, 233, 244**.

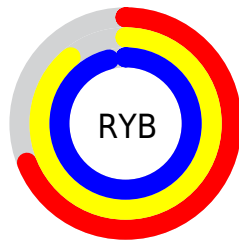
Distribution



Red (69%)

Green (96%)

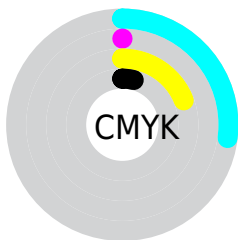
Blue (78%)



Red (69%)

Yellow (89%)

Blue (96%)

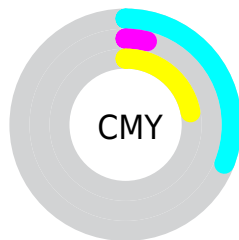


Cyan (27%)

Magenta (0%)

Yellow (19%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 228, 244 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, 228, 244 by changing the saturation by 10% instead.

 177, 228, 244


255, 255, 255


 234, 245, 255

 177, 228, 244

 150, 199, 215

 123, 171, 187


 96, 144, 160

 71, 117, 134

 45, 90, 108

 16, 63, 84

 0, 42, 60


 0, 38, 38

 0, 6, 6

 177, 228, 244

 177, 228, 244

 153, 223, 244

 201, 233, 244

 128, 216, 244


 226, 240, 244


 104, 211, 244

 250, 244, 248

 79, 204, 244

 255, 244, 255

 55, 199, 244

 31, 193, 244

 6, 187, 244

 0, 185, 244

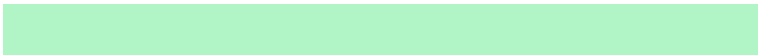
Harmonies

Analogous

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



174, 237, 197



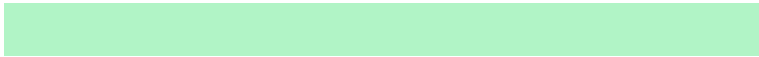
177, 228, 244



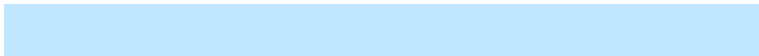
144, 200, 247

Triad

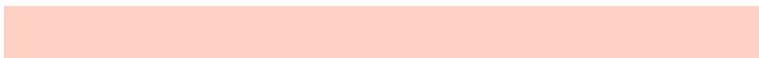
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



177, 228, 244



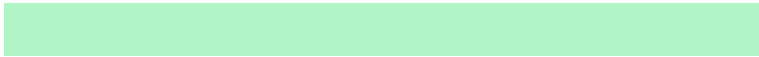
192, 216, 255



255, 212, 195

Complementary

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



177, 228, 244



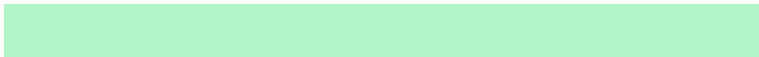
244, 177, 223

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, 205, 227



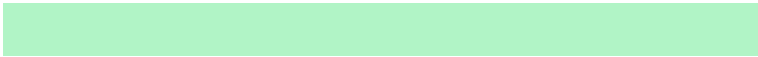
177, 228, 244



237, 219, 255

Square

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



177, 228, 244



150, 198, 255



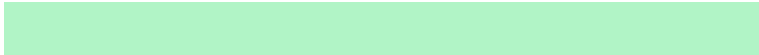
255, 210, 255



242, 255, 172

Rectangle

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



177, 228, 244



132, 190, 252



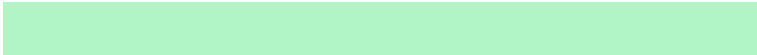
255, 210, 255



255, 206, 205

Sweetspot

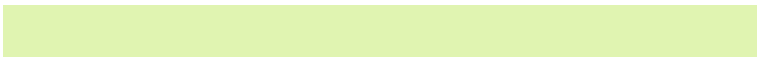
The Sweet Spot groups the original color and five complimentary colors.



177, 228, 244



235, 250, 255



177, 244, 197



115, 125, 128



0, 0, 0



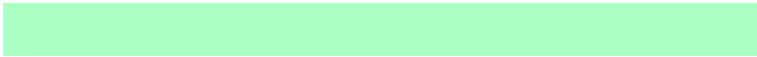
128, 128, 128

Same Dimension

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



177, 228, 244



171, 235, 255



177, 214, 244



110, 119, 122



0, 142, 186



0, 45, 59

Inverse Universe

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



244, 177, 223



255, 171, 229



244, 177, 190



122, 110, 119



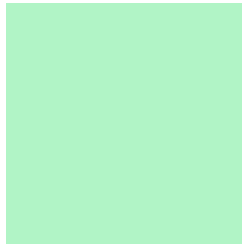
186, 0, 128



59, 0, 40

Previews

White Background



This preview shows how the RYB color 177, 228, 244 looks on a white background.

Color Contrast Check

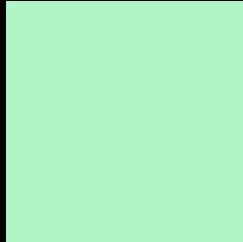
Large Text (above 18pt) WCAG AA × Fail

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, 228, 244 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

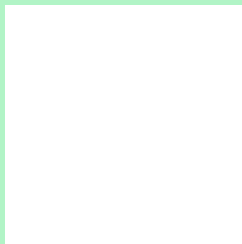
Any Text WCAG AAA ✓ Pass

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

RYB 177, 228, 244 Background



This preview shows how black text looks on a background with the RYB color 177, 228, 244.

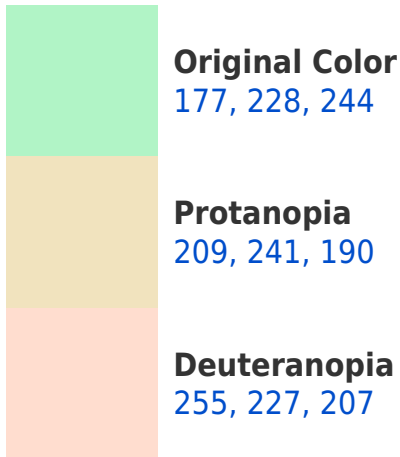



This preview shows how white text looks on a background with the RYB color 177, 228, 244.

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





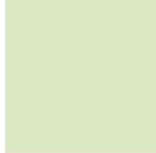
Tritanopia
188, 216, 255

Trichromacy



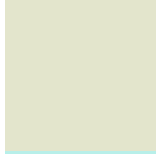
Original Color

177, 228, 244



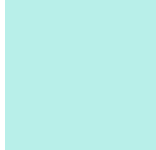
Protanomaly

193, 233, 208



Deuteranomaly

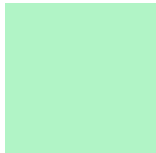
204, 229, 206



Tritanomaly

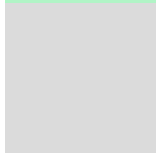
184, 213, 239

Monochromacy



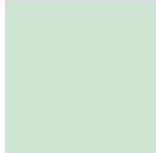
Original Color

177, 228, 244



Achromatopsia

219, 219, 219



Achromatomaly

204, 223, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 228, 244 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, 244, 198)` looks like.

```
.text, #text, p{  
    color:rgb(177, 244, 198)  
}
```

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, 244, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 244, 198) }
```

Border

The CSS property to change the border of an element to RYB 177, 228, 244 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, 244, 198) }
```

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

```
.border{ border-color:rgb(177, 244, 198) }
```

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

Here you see how a box with a 4 pixel rgb(177, 244, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 244, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 244, 198);  
box-shadow:4px 4px 4px 4px rgb(177, 244,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 177, 228, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 244, 198) }
```

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

```
.background{ background-color: rgb(177,  
244, 198) }
```

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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