

Converting Colors

`RYB(177, 246, 249)`

Have a look what the booklet for
RYB(177, 246, 249) contains.

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Color

R_YB(177, 246, 249)

Conversions

Conversions Part 1

Format	Color
Hex	B1F9B4
RGB	177, 249, 180
RGB Percent	69%, 98%, 71%
CMY	0.3059, 0.0235, 0.2936
CMYK	0.29, 0.00, 0.28, 0.02
HSL	123°, 86%, 84%
HSV	123°, 29%, 98%
XYZ	60.2587, 80.3991, 55.5923
YIQ	219.6060, -20.7630, -36.7230

Conversions

Conversions Part 2

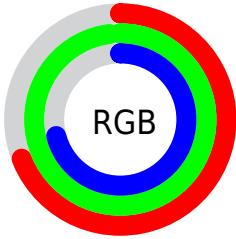
Format	Color
RYB	177, 246, 249
Decimal	11663796
CIELab	91.86, -35.40, 26.12
CIELCh	92, 43.991, 143.574
Yxy	80.3991, 0.3071, 0.4097
Android (android.graphics.Color)	4289853876 (0xFFB1F9B4)
YUV	219.6060, -19.5258, -37.3655
Hunter-Lab	89.6655, -36.9559, 26.0063

Details

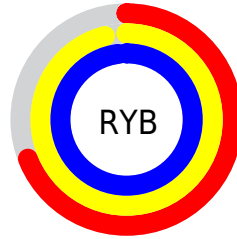
The RYB color **177, 246, 249** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **249, 177, 246**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **234, 253, 255**, and **122, 187, 192** is the 20% darker color. If you saturate the color by 10%, you get **152, 245, 249**, and if you desaturate by 10%, it is **202, 247, 249**.

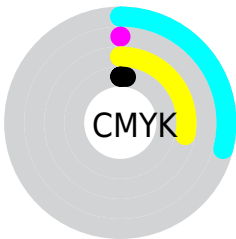
Distribution



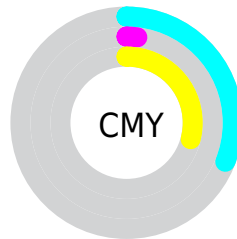
- Red (69%)
- Green (98%)
- Blue (71%)



- Red (69%)
- Yellow (96%)
- Blue (98%)



- Cyan (29%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)



- Cyan (31%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 246, 249 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, 246, 249 by changing the saturation by 10% instead.


 177, 246, 249


255, 255, 255


 234, 253, 255

 177, 246, 249

 149, 216, 220

 122, 187, 192

 96, 159, 165


 69, 131, 138

 42, 102, 112

 9, 70, 87

 0, 56, 63

 0, 41, 41

 0, 13, 13

■ 177, 246, 249

■ 177, 246, 249

■ 152, 245, 249

■ 202, 247, 249

■ 127, 244, 249

■ 227, 248, 249

■ 102, 242, 249

■ 252, 249, 252

■ 77, 241, 249

■ 255, 249, 255

■ 53, 241, 249

■ 28, 240, 249

■ 3, 239, 249

■ 0, 238, 249

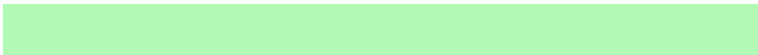
Harmonies

Analogous

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



153, 239, 166



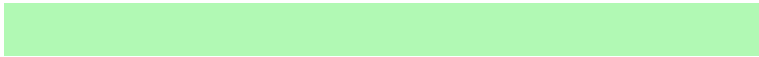
177, 246, 249



124, 198, 254

Triad

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



177, 246, 249



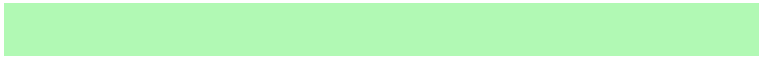
158, 202, 255



255, 201, 200

Complementary

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



177, 246, 249



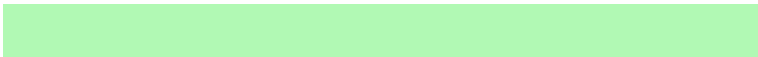
249, 177, 246

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, 243



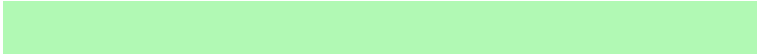
177, 246, 249



224, 224, 255

Square

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



177, 246, 249



93, 172, 255



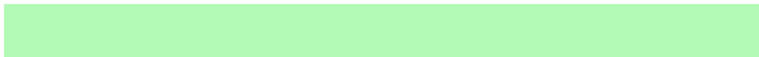
255, 209, 255



247, 255, 165

Rectangle

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



177, 246, 249



91, 174, 255



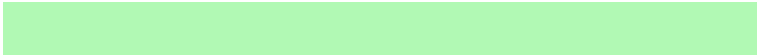
255, 209, 255



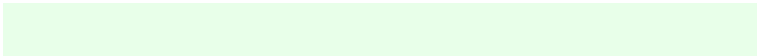
255, 200, 214

Sweetspot

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



177, 246, 249



232, 254, 255



177, 249, 179



113, 127, 128



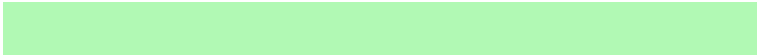
0, 0, 0



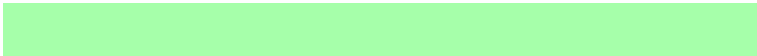
128, 128, 128

Same Dimension

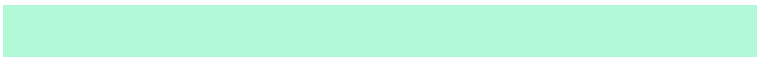
The Same Dimension uses a secret algorithm to generate beautiful new colors.



177, 246, 249



166, 251, 255



177, 224, 249



112, 124, 125



0, 181, 189



0, 58, 61

Inverse Universe

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



249, 177, 246



255, 166, 251



249, 177, 211



125, 112, 124



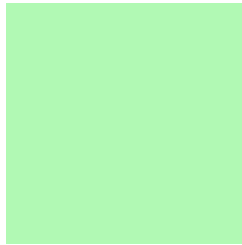
189, 0, 180



61, 0, 59

Previews

White Background



This preview shows how the RYB color 177, 246, 249 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, 246, 249 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, 246, 249 Background



This preview shows how black text looks on a background with the RYB color 177, 246, 249.



This preview shows how white text looks on a background with the RYB color 177, 246, 249.

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





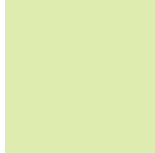
Tritanopia
196, 221, 255

Trichromacy



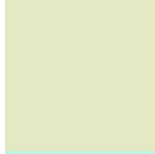
Original Color

177, 246, 249



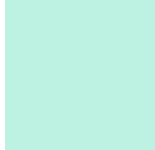
Protanomaly

175, 237, 190



Deuteranomaly

195, 234, 202



Tritanomaly

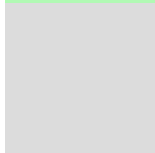
189, 220, 242

Monochromacy



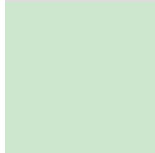
Original Color

177, 246, 249



Achromatopsia

220, 220, 220



Achromatomaly

204, 229, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 249, 180 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, 249, 180)` looks like.

```
.text, #text, p{  
    color:rgb(177, 249, 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, 249, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 249, 180) }
```

Border

The CSS property to change the border of an element to RYB 177, 246, 249 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, 249, 180) }
```

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

```
.border{ border-color:rgb(177, 249, 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, 249, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 249, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 249, 180);  
box-shadow:4px 4px 4px 4px rgb(177, 249,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 177, 246, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 249, 180) }
```

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

```
.background{ background-color: rgb(177,  
249, 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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