

Converting Colors

`RYB(187, 239, 251)`

Have a look what the booklet for
RYB(187, 239, 251) contains.

RYB(187, 239, 251)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(187, 239, 251)`

Conversions

Conversions Part 1

Format	Color
Hex	BBFBCA
RGB	187, 251, 202
RGB Percent	73%, 98%, 79%
CMY	0.2667, 0.0157, 0.2087
CMYK	0.25, 0.00, 0.20, 0.02
HSL	134°, 89%, 86%
HSV	134°, 25%, 98%
XYZ	65.6241, 83.8125, 68.4526
YIQ	226.2780, -22.4150, -28.8070

Conversions

Conversions Part 2

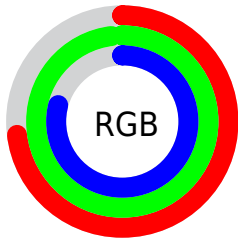
Format	Color
RYB	187, 239, 251
Decimal	12319690
CIELab	93.37, -29.50, 17.23
CIELCh	93, 34.163, 149.703
Yxy	83.8125, 0.3012, 0.3847
Android (android.graphics.Color)	4290509770 (0xFFBBFBCA)
YUV	226.2780, -11.9691, -34.4468
Hunter-Lab	91.5492, -32.2591, 19.7524

Details

The RYB color **187, 239, 251** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **251, 187, 236**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **244, 250, 255**, and **132, 181, 194** is the 20% darker color. If you saturate the color by 10%, you get **162, 235, 251**, and if you desaturate by 10%, it is **212, 244, 251**.

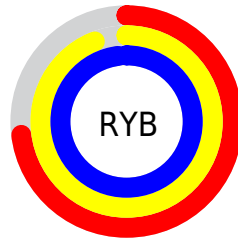
Distribution



Red (73%)

Green (98%)

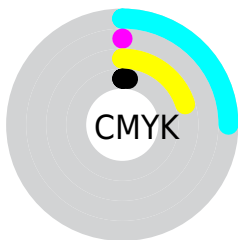
Blue (79%)



Red (73%)

Yellow (94%)

Blue (98%)

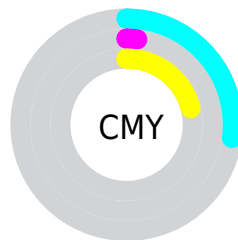


Cyan (25%)

Magenta (0%)

Yellow (20%)

Black (2%)



Cyan (27%)

Magenta (2%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 239, 251 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 187, 239, 251 by changing the saturation by 10% instead.


 187, 239, 251

 187, 239, 251


255, 255, 255


 159, 210, 222

 244, 250, 255

 132, 181, 194


 106, 154, 167

 80, 127, 140

 55, 100, 114

 29, 73, 89

 0, 46, 66

 0, 39, 43

 0, 20, 20

■ 187, 239, 251

■ 187, 239, 251

■ 162, 235, 251

■ 212, 244, 251

■ 137, 230, 251

■ 237, 249, 251

■ 112, 225, 251

■ 255, 251, 255

■ 87, 220, 251

■ 61, 215, 251

■ 36, 210, 251

■ 11, 206, 251

■ 0, 204, 251

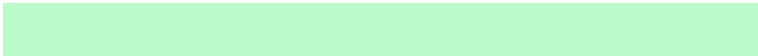
Harmonies

Analogous

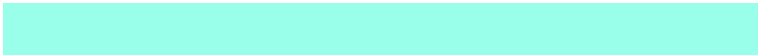
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



178, 244, 197



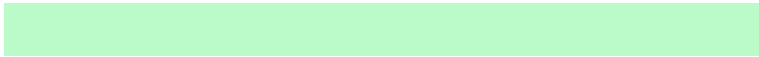
187, 239, 251



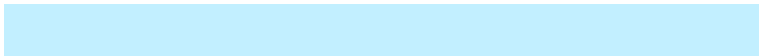
153, 209, 254

Triad

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



187, 239, 251



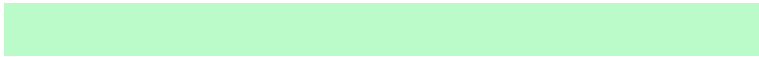
194, 220, 255



255, 216, 205

Complementary

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



187, 239, 251



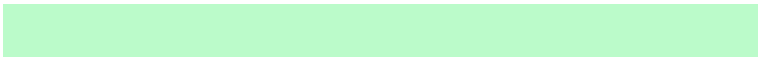
251, 187, 236

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, 212, 238



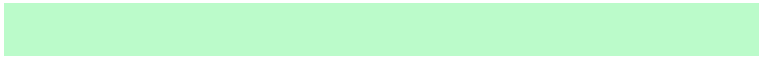
187, 239, 251



241, 228, 255

Square

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



187, 239, 251



153, 202, 255



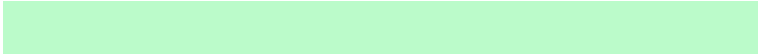
255, 217, 255



236, 255, 180

Rectangle

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



187, 239, 251



139, 197, 255



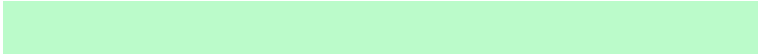
255, 217, 255



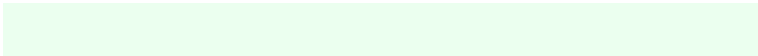
255, 213, 215

Sweetspot

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



187, 239, 251



235, 252, 255



187, 251, 201



115, 126, 128



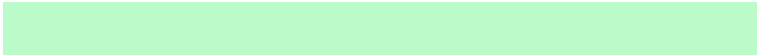
0, 0, 0



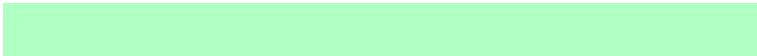
128, 128, 128

Same Dimension

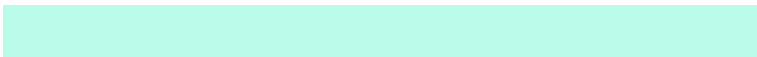
The Same Dimension uses a secret algorithm to generate beautiful new colors.



187, 239, 251



176, 240, 255



187, 224, 251



112, 123, 125



0, 153, 189



0, 50, 61

Inverse Universe

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



251, 187, 236



255, 176, 237



251, 187, 205



125, 112, 122



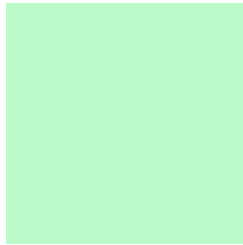
189, 0, 145



61, 0, 47

Previews

White Background



This preview shows how the RYB color 187, 239, 251 looks on a white background.

Color Contrast Check

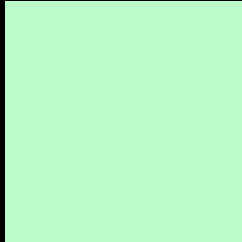
Large Text (above 18pt) WCAG AA × Fail

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 187, 239, 251 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 187, 239, 251 Background



This preview shows how black text looks on a background with the RYB color 187, 239, 251.

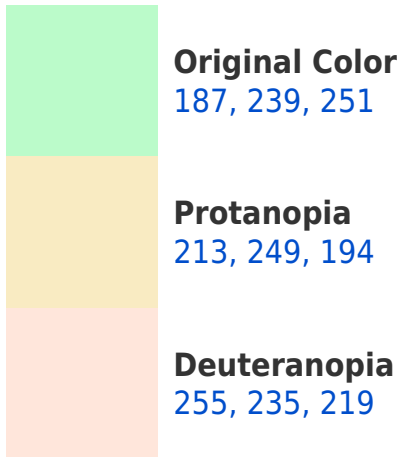


This preview shows how white text looks on a background with the RYB color 187, 239, 251.

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





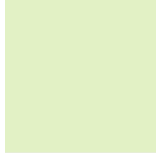
Tritanopia
209, 228, 255

Trichromacy



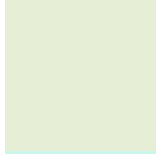
Original Color

187, 239, 251



Protanomaly

197, 241, 212



Deuteranomaly

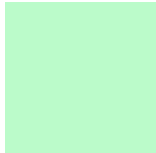
213, 238, 221



Tritanomaly

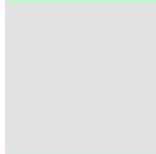
201, 226, 245

Monochromacy



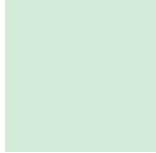
Original Color

187, 239, 251



Achromatopsia

226, 226, 226



Achromatomaly

212, 231, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 239, 251 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(187, 251, 202)` looks like.

```
.text, #text, p{  
    color:rgb(187, 251, 202)  
}
```

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(187, 251, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 251, 202) }
```

Border

The CSS property to change the border of an element to RYB 187, 239, 251 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(187, 251, 202) }
```

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

```
.border{ border-color:rgb(187, 251, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 251, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 251, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 251, 202);  
box-shadow:4px 4px 4px 4px rgb(187, 251,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 187, 239, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 251, 202) }
```

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

```
.background{ background-color: rgb(187,  
251, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor