

Converting Colors

`RYB(159, 247, 225)`

Have a look what the booklet for
RYB(159, 247, 225) contains.

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Color

RYB(159, 247, 225)

Conversions

Conversions Part 1

Format	Color
Hex	B5F79F
RGB	181, 247, 159
RGB Percent	71%, 97%, 62%
CMY	0.2902, 0.0314, 0.3765
CMYK	0.27, 0.00, 0.36, 0.03
HSL	105°, 85%, 80%
HSV	105°, 36%, 97%
XYZ	58.5748, 78.8485, 44.9330
YIQ	217.2340, -11.0880, -41.3600

Conversions

Conversions Part 2

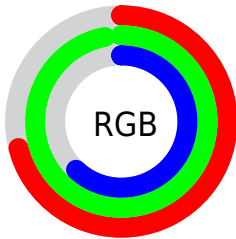
Format	Color
RYB	159, 247, 225
Decimal	11925407
CIELab	91.17, -36.43, 35.87
CIElCh	91, 51.121, 135.443
Yxy	78.8485, 0.3212, 0.4324
Android (android.graphics.Color)	4290115487 (0xFFB5F79F)
YUV	217.2340, -28.7094, -31.7772
Hunter-Lab	88.7967, -37.6464, 32.1557

Details

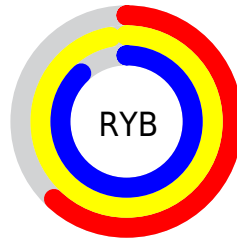
The RYB color **159, 247, 225** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **225, 159, 247**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **214, 255, 231**, and **106, 190, 170** is the 20% darker color. If you saturate the color by 10%, you get **134, 247, 219**, and if you desaturate by 10%, it is **184, 247, 231**.

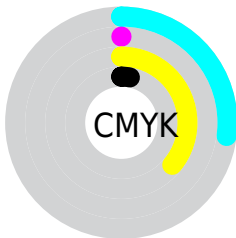
Distribution



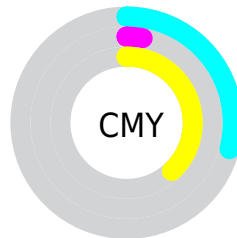
- Red (71%)
- Green (97%)
- Blue (62%)



- Red (62%)
- Yellow (97%)
- Blue (88%)



- Cyan (27%)
- Magenta (0%)
- Yellow (36%)
- Black (3%)



- Cyan (29%)
- Magenta (3%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 159, 247, 225 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 159, 247, 225 by changing the saturation by 10% instead.

 159, 247, 225

255, 255, 255


 214, 255, 231


 243, 255, 243

 159, 247, 225

 132, 218, 197

 106, 190, 170

 81, 163, 145

 57, 136, 120

 33, 111, 98

 6, 86, 77

 0, 62, 62

 0, 40, 40

 0, 8, 8

 159, 247, 225

 159, 247, 225

 134, 247, 219

 184, 247, 231

 110, 247, 213

 208, 247, 237

 85, 247, 207

 233, 247, 243

 60, 247, 200

 255, 247, 255

 36, 247, 195

 11, 247, 188

 0, 247, 185

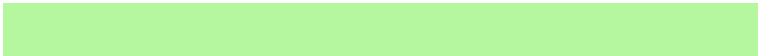
Harmonies

Analogous

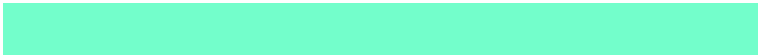
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



134, 236, 133



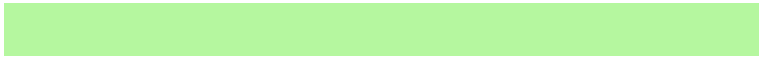
159, 247, 225



115, 200, 254

Triad

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



159, 247, 225



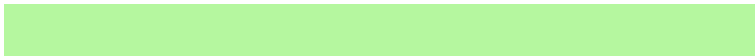
107, 178, 255



255, 191, 206

Complementary

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



159, 247, 225



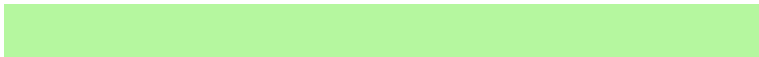
225, 159, 247

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, 194, 255



159, 247, 225



198, 217, 255

Square

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



159, 247, 225



0, 127, 255



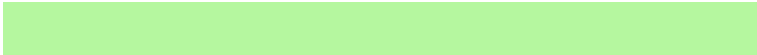
255, 208, 255



255, 232, 162

Rectangle

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



159, 247, 225



54, 159, 255



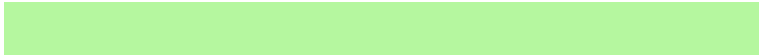
255, 208, 255



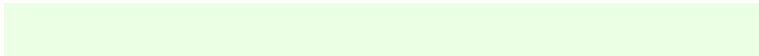
255, 191, 222

Sweetspot

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



159, 247, 225



227, 255, 248



188, 247, 159



111, 128, 124



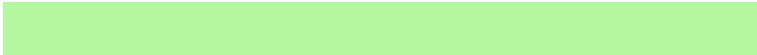
0, 0, 0



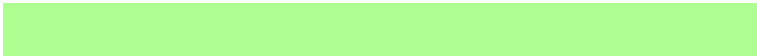
128, 128, 128

Same Dimension

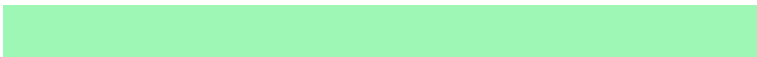
The Same Dimension uses a secret algorithm to generate beautiful new colors.



159, 247, 225



145, 255, 227



159, 229, 247



110, 122, 119



0, 186, 139



0, 59, 44

Inverse Universe

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



225, 159, 247



228, 145, 255



247, 159, 225



119, 110, 122



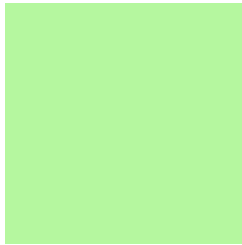
140, 0, 186



44, 0, 59

Previews

White Background



This preview shows how the RYB color 159, 247, 225 looks on a white background.

Color Contrast Check

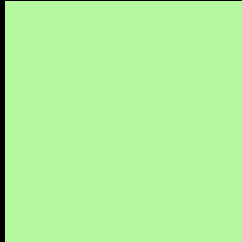
Large Text (above 18pt) WCAG AA × Fail

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 159, 247, 225 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](#).

R Y B 159, 247, 225 Background



This preview shows how black text looks on a background with the RYB color 159, 247, 225.

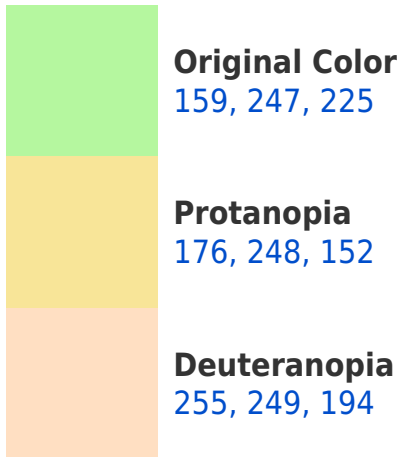


This preview shows how white text looks on a background with the RYB color 159, 247, 225.

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
197, 220, 254

Trichromacy



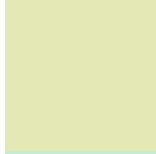
Original Color

159, 247, 225



Protanomaly

155, 236, 167



Deuteranomaly

181, 232, 185



Tritanomaly

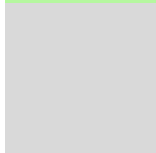
191, 221, 239

Monochromacy



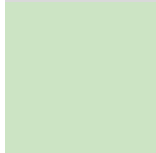
Original Color

159, 247, 225



Achromatopsia

217, 217, 217



Achromatomaly

196, 228, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 247, 225 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(181, 247, 159) looks like.

```
.text, #text, p{  
    color:rgb(181, 247, 159)  
}
```

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(181, 247, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 247, 159) }
```

Border

The CSS property to change the border of an element to RYB 159, 247, 225 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(181, 247, 159) }
```

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

```
.border{ border-color:rgb(181, 247, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 247, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 247, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 247, 159);  
box-shadow:4px 4px 4px 4px rgb(181, 247,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 159, 247, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 247, 159) }
```

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

```
.background{ background-color: rgb(181,  
247, 159) }
```

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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