

Converting Colors

`RYB(154, 250, 233)`

Have a look what the booklet for
RYB(154, 250, 233) contains.

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Color

R_YB(154, 250, 233)

Conversions

Conversions Part 1

Format	Color
Hex	ABFA9A
RGB	171, 250, 154
RGB Percent	67%, 98%, 60%
CMY	0.3294, 0.0196, 0.3961
CMYK	0.32, 0.00, 0.38, 0.02
HSL	109°, 91%, 79%
HSV	109°, 38%, 98%
XYZ	56.8129, 79.3622, 42.8959
YIQ	215.4350, -16.2680, -46.6040

Conversions

Conversions Part 2

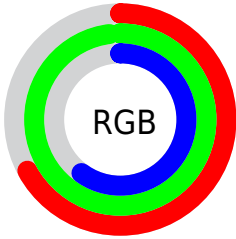
Format	Color
RYB	154, 250, 233
Decimal	11270810
CIELab	91.40, -41.74, 38.55
CIElCh	91, 56.818, 137.271
Yxy	79.3622, 0.3173, 0.4432
Android (android.graphics.Color)	4289460890 (0xFFABFA9A)
YUV	215.4350, -30.2875, -38.9695
Hunter-Lab	89.0855, -42.0639, 33.8109

Details

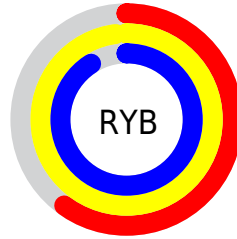
The RYB color **154, 250, 233** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **233, 154, 250**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **209, 255, 236**, and **102, 193, 179** is the 20% darker color. If you saturate the color by 10%, you get **129, 250, 229**, and if you desaturate by 10%, it is **179, 250, 237**.

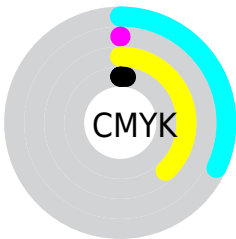
Distribution



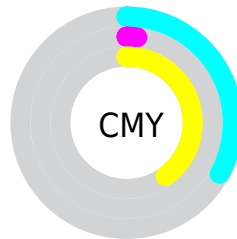
- Red (67%)
- Green (98%)
- Blue (60%)



- Red (60%)
- Yellow (98%)
- Blue (91%)



- Cyan (32%)
- Magenta (0%)
- Yellow (38%)
- Black (2%)



- Cyan (33%)
- Magenta (2%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 250, 233 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 154, 250, 233 by changing the saturation by 10% instead.

 154, 250, 233


255, 255, 255


 209, 255, 236


 238, 255, 238


 154, 250, 233

 127, 221, 205

 102, 193, 179

 76, 166, 154

 52, 139, 130

 27, 113, 110

 0, 88, 88

 0, 63, 63

 0, 42, 42

 0, 10, 10

■ 154, 250, 233

■ 154, 250, 233

■ 129, 250, 229

■ 179, 250, 237

■ 104, 250, 224

■ 204, 250, 242

■ 79, 250, 220

■ 229, 250, 246

■ 54, 250, 215

■ 253, 250, 254

■ 29, 250, 211

■ 255, 250, 255

■ 4, 250, 206

■ 0, 250, 206

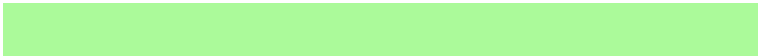
Harmonies

Analogous

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



123, 237, 127



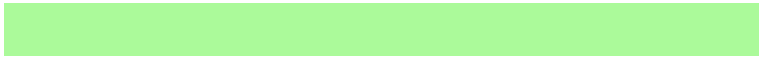
154, 250, 233



88, 187, 255

Triad

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



154, 250, 233



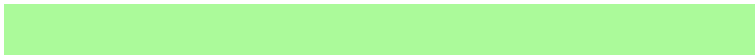
83, 166, 255



255, 187, 201

Complementary

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



154, 250, 233



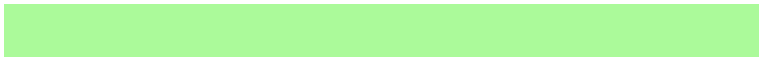
233, 154, 250

Split Complementary

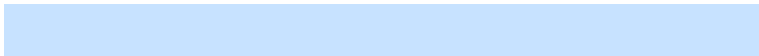
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 189, 255



154, 250, 233



199, 217, 255

Square

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



154, 250, 233



0, 127, 255



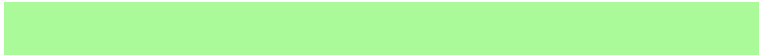
255, 204, 255



255, 242, 152

Rectangle

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



154, 250, 233



0, 131, 255



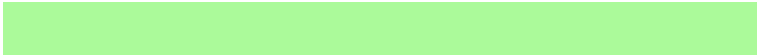
255, 204, 255



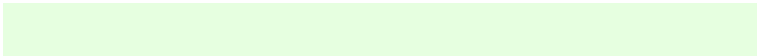
255, 186, 219

Sweetspot

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



154, 250, 233



224, 255, 249



176, 250, 154



110, 128, 125



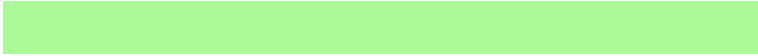
0, 0, 0



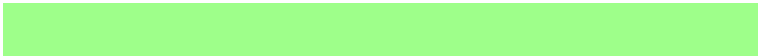
128, 128, 128

Same Dimension

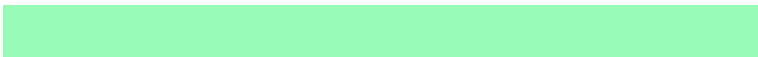
The Same Dimension uses a secret algorithm to generate beautiful new colors.



154, 250, 233



138, 255, 235



154, 227, 250



112, 125, 122



0, 189, 156



0, 61, 50

Inverse Universe

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



233, 154, 250



234, 138, 255



250, 154, 220



123, 112, 125



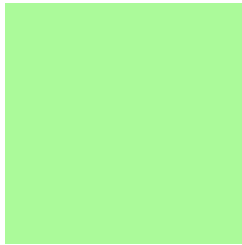
155, 0, 189



50, 0, 61

Previews

White Background



This preview shows how the RYB color 154, 250, 233 looks on a white background.

Color Contrast Check

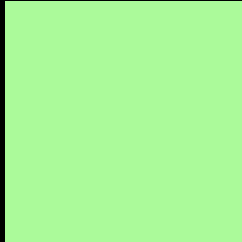
Large Text (above 18pt) WCAG AA × Fail

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 154, 250, 233 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

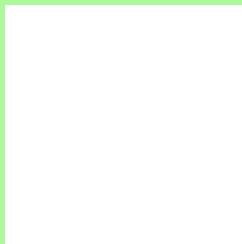
Any Text WCAG AAA ✓ Pass

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

RYB 154, 250, 233 Background



This preview shows how black text looks on a background with the RYB color 154, 250, 233.

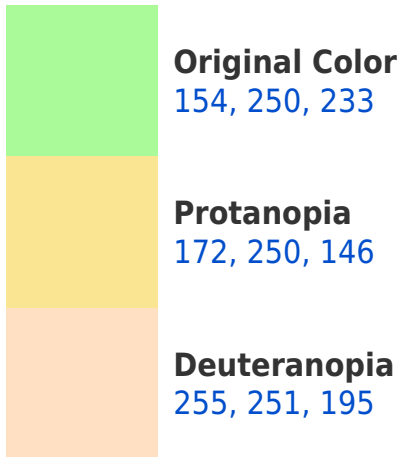


This preview shows how white text looks on a background with the RYB color 154, 250, 233.

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





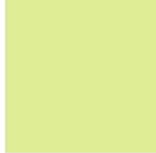
Tritanopia
192, 218, 255

Trichromacy



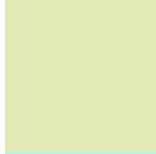
Original Color

154, 250, 233



Protanomaly

149, 237, 165



Deuteranomaly

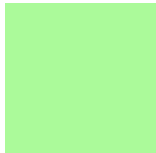
180, 233, 189



Tritanomaly

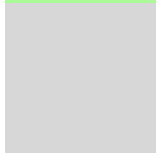
184, 221, 242

Monochromacy



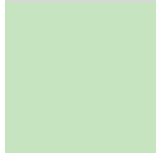
Original Color

154, 250, 233



Achromatopsia

215, 215, 215



Achromatomaly

193, 228, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 250, 233 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(171, 250, 154)` looks like.

```
.text, #text, p{  
    color:rgb(171, 250, 154)  
}
```

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(171, 250, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 250, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 250, 233 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(171, 250, 154) }
```

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

```
.border{ border-color:rgb(171, 250, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 250, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 250, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 250, 154);  
box-shadow:4px 4px 4px 4px rgb(171, 250,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 250, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 250, 154) }
```

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

```
.background{ background-color: rgb(171,  
250, 154) }
```

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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