

Converting Colors

`RYB(152, 236, 245)`

Have a look what the booklet for
RYB(152, 236, 245) contains.

RYB(152, 236, 245)	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

R_YB(152, 236, 245)

Conversions

Conversions Part 1

Format	Color
Hex	98F5A2
RGB	152, 245, 162
RGB Percent	60%, 96%, 64%
CMY	0.4039, 0.0392, 0.3648
CMYK	0.38, 0.00, 0.34, 0.04
HSL	126°, 82%, 78%
HSV	126°, 38%, 96%
XYZ	52.1197, 74.5876, 45.8156
YIQ	207.7310, -28.7850, -45.5290

Conversions

Conversions Part 2

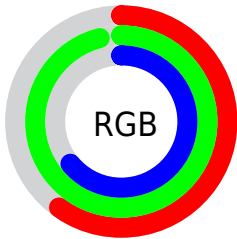
Format	Color
RYB	152, 236, 245
Decimal	10024354
CIELab	89.20, -44.19, 31.51
CIELCh	89, 54.276, 144.512
Yxy	74.5876, 0.3021, 0.4323
Android (android.graphics.Color)	4288214434 (0xFF98F5A2)
YUV	207.7310, -22.5454, -48.8761
Hunter-Lab	86.3641, -43.4145, 29.0019

Details

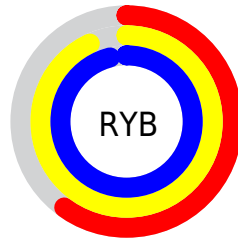
The RYB color **152, 236, 245** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **245, 152, 235**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **209, 248, 255**, and **96, 176, 188** is the 20% darker color. If you saturate the color by 10%, you get **128, 234, 245**, and if you desaturate by 10%, it is **177, 239, 245**.

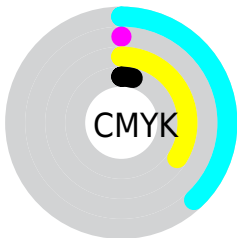
Distribution



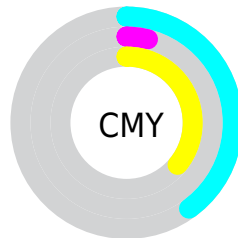
- Red (60%)
- Green (96%)
- Blue (64%)



- Red (60%)
- Yellow (93%)
- Blue (96%)



- Cyan (38%)
- Magenta (0%)
- Yellow (34%)
- Black (4%)



- Cyan (40%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 236, 245 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 152, 236, 245 by changing the saturation by 10% instead.

 152, 236, 245


255, 255, 255

 209, 248, 255


 239, 250, 255

 152, 236, 245

 124, 206, 216

 96, 176, 188

 68, 147, 161

 37, 115, 134

 0, 80, 108

 0, 73, 83

 0, 59, 59

 0, 38, 38

 0, 0, 0


 152, 236, 245

 152, 236, 245

 128, 234, 245


 177, 239, 245

 103, 231, 245

 201, 241, 245

 78, 229, 245

 226, 243, 245

 54, 227, 245

 250, 245, 249

 29, 223, 245

 255, 245, 255

 5, 222, 245

 0, 221, 245

Harmonies

Analogous

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



127, 234, 147



152, 236, 245



65, 169, 251

Triad

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



152, 236, 245



120, 181, 255



255, 185, 184

Complementary

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



152, 236, 245



245, 152, 235

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, 183, 236



152, 236, 245



215, 214, 255

Square

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



152, 236, 245



0, 125, 255



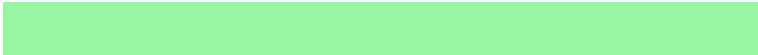
255, 195, 255



251, 255, 141

Rectangle

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



152, 236, 245



0, 126, 251



255, 195, 255



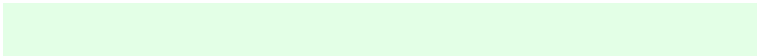
255, 183, 201

Sweetspot

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



152, 236, 245



227, 252, 255



152, 245, 161



111, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



152, 236, 245



138, 244, 255



152, 210, 245



110, 121, 122



0, 168, 186



0, 54, 59

Inverse Universe

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



245, 152, 235



255, 138, 242



245, 152, 189



122, 110, 121



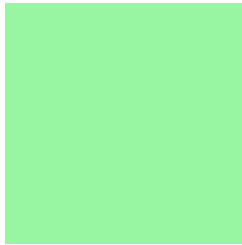
186, 0, 166



59, 0, 52

Previews

White Background



This preview shows how the RYB color 152, 236, 245 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 152, 236, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

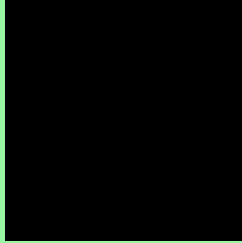
Any Text WCAG AA ✓ Pass

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 152, 236, 245 Background



This preview shows how black text looks on a background with the RYB color 152, 236, 245.

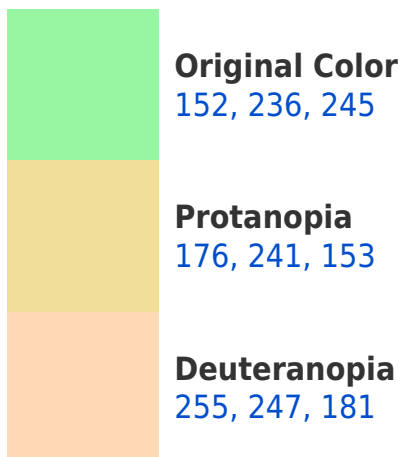


This preview shows how white text looks on a background with the RYB color 152, 236, 245.

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





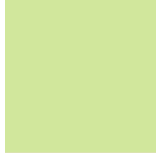
Tritanopia
170, 206, 253

Trichromacy



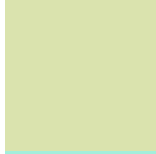
Original Color

152, 236, 245



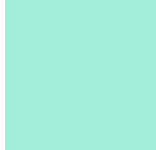
Protanomaly

156, 231, 178



Deuteranomaly

174, 227, 183



Tritanomaly

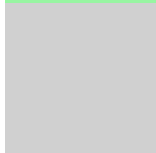
163, 206, 238

Monochromacy



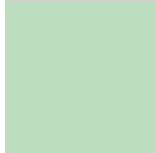
Original Color

152, 236, 245



Achromatopsia

208, 208, 208



Achromatomaly

188, 218, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 236, 245 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(152, 245, 162)` looks like.

```
.text, #text, p{  
    color:rgb(152, 245, 162)  
}
```

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(152, 245, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 245, 162) }
```

Border

The CSS property to change the border of an element to RYB 152, 236, 245 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(152, 245, 162) }
```

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

```
.border{ border-color:rgb(152, 245, 162) }
```

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

Here you see how a box with a 4 pixel rgb(152, 245, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 245, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 245, 162);  
box-shadow:4px 4px 4px 4px rgb(152, 245,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 152, 236, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 245, 162) }
```

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

```
.background{ background-color: rgb(152,  
245, 162) }
```

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