

Converting Colors

`RYB(152, 237, 236)`

Have a look what the booklet for
RYB(152, 237, 236) contains.

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Color

R_YB(152, 237, 236)

Conversions

Conversions Part 1

Format	Color
Hex	99ED98
RGB	153, 237, 152
RGB Percent	60%, 93%, 60%
CMY	0.4000, 0.0706, 0.4039
CMYK	0.35, 0.00, 0.36, 0.07
HSL	119°, 70%, 76%
HSV	119°, 36%, 93%
XYZ	49.0886, 69.6077, 40.5542
YIQ	202.1940, -22.7790, -44.2430

Conversions

Conversions Part 2

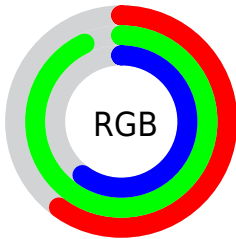
Format	Color
RYB	152, 237, 236
Decimal	10087832
CIELab	86.80, -41.96, 33.35
CIELCh	87, 53.600, 141.523
Yxy	69.6077, 0.3082, 0.4371
Android (android.graphics.Color)	4288277912 (0xFF99ED98)
YUV	202.1940, -24.7456, -43.1431
Hunter-Lab	83.4312, -40.9803, 29.5822

Details

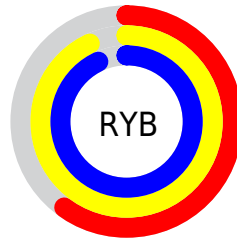
The RYB color **152, 237, 236** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **236, 152, 237**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **207, 255, 252**, and **98, 179, 181** is the 20% darker color. If you saturate the color by 10%, you get **128, 237, 235**, and if you desaturate by 10%, it is **176, 237, 237**.

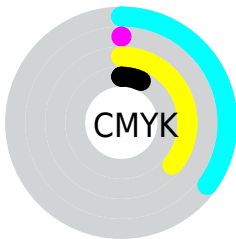
Distribution



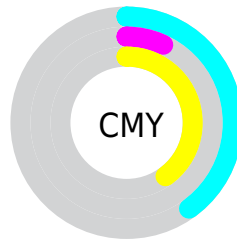
- Red (60%)
- Green (93%)
- Blue (60%)



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



- Cyan (35%)
- Magenta (0%)
- Yellow (36%)
- Black (7%)



- Cyan (40%)
- Magenta (7%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 237, 236 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, 237, 236 by changing the saturation by 10% instead.

 152, 237, 236

255, 255, 255


 207, 255, 252


 235, 255, 251

 152, 237, 236

 125, 207, 208

 98, 179, 181


 70, 148, 153

 41, 118, 127

 0, 80, 101

 0, 75, 77

 0, 53, 53

 0, 32, 32

 0, 0, 0

 152, 237, 236

 152, 237, 236

 128, 237, 235

 176, 237, 237

 105, 237, 236

 199, 237, 236

 81, 237, 235

 223, 237, 237

 57, 237, 235

 247, 237, 247

 33, 237, 234

 255, 237, 255

 10, 237, 235

 0, 237, 234

Harmonies

Analogous

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



120, 226, 134



152, 237, 236



71, 169, 243

Triad

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



152, 237, 236



102, 171, 255



255, 178, 183

Complementary

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



152, 237, 236



236, 152, 237

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, 177, 234



152, 237, 236



200, 208, 255

Square

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



152, 237, 236



0, 123, 255



255, 190, 255



255, 233, 139

Rectangle

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



152, 237, 236



0, 124, 244



255, 190, 255



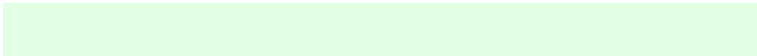
255, 176, 199

Sweetspot

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



152, 237, 236



227, 255, 255



153, 237, 152



111, 128, 128



0, 0, 0



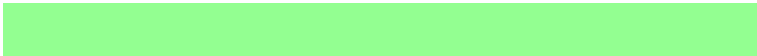
128, 128, 128

Same Dimension

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



152, 237, 236



145, 255, 253



152, 209, 237



106, 117, 117



0, 181, 179



0, 54, 53

Inverse Universe

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



236, 152, 237



254, 145, 255



237, 152, 196



117, 106, 117



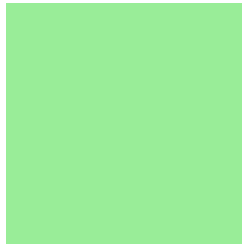
179, 0, 181



53, 0, 54

Previews

White Background



This preview shows how the RYB color 152, 237, 236 looks on a white background.

Color Contrast Check

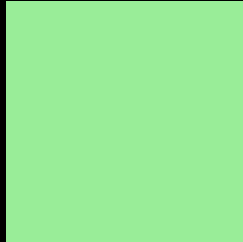
Large Text (above 18pt) WCAG AA × Fail

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, 237, 236 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, 237, 236 Background



This preview shows how black text looks on a background with the RYB color 152, 237, 236.

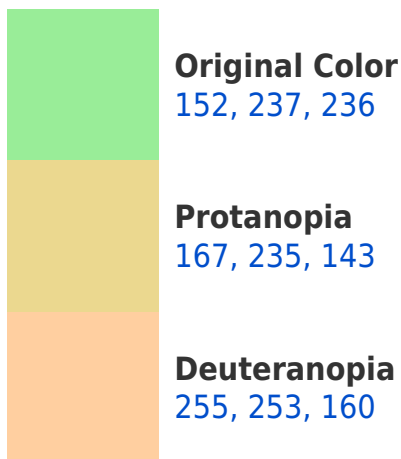


This preview shows how white text looks on a background with the RYB color 152, 237, 236.

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





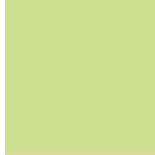
Tritanopia
170, 202, 244

Trichromacy



Original Color

152, 237, 236



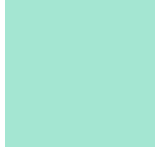
Protanomaly

146, 224, 165



Deuteranomaly

157, 218, 157



Tritanomaly

164, 203, 230

Monochromacy



Original Color

152, 237, 236



Achromatopsia

202, 202, 202



Achromatomaly

184, 215, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 237, 236 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(153, 237, 152)` looks like.

```
.text, #text, p{  
    color:rgb(153, 237, 152)  
}
```

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(153, 237, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 237, 152) }
```

Border

The CSS property to change the border of an element to RYB 152, 237, 236 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(153, 237, 152) }
```

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

```
.border{ border-color:rgb(153, 237, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 237, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 237, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 237, 152); box-shadow:4px 4px 4px 4px rgb(153, 237, 152) }
```

Background

The CSS property to change the background color of an element to RYB 152, 237, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 237, 152) }
```

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

```
.background{ background-color: rgb(153,  
237, 152) }
```

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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