

Converting Colors

`RYB(157, 244, 158)`

Have a look what the booklet for
RYB(157, 244, 158) contains.

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Color

R_YB(157, 244, 158)

Conversions

Conversions Part 1

Format	Color
Hex	F3F49D
RGB	243, 244, 157
RGB Percent	95%, 96%, 62%
CMY	0.0471, 0.0431, 0.3843
CMYK	0.00, 0.00, 0.36, 0.04
HSL	61°, 80%, 79%
HSV	61°, 36%, 96%
XYZ	75.3986, 86.1904, 44.5608
YIQ	233.7830, 27.3310, -27.2690

Conversions

Conversions Part 2

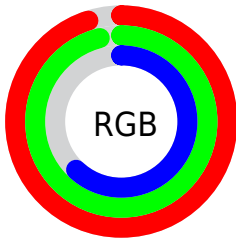
Format	Color
RYB	157, 244, 158
Decimal	15987869
CIELab	94.39, -12.98, 41.84
CIELCh	94, 43.812, 107.233
Yxy	86.1904, 0.3657, 0.4181
Android (android.graphics.Color)	4294177949 (0xFFFF3F49D)
YUV	233.7830, -37.8540, 8.0833
Hunter-Lab	92.8388, -17.4998, 36.5291

Details

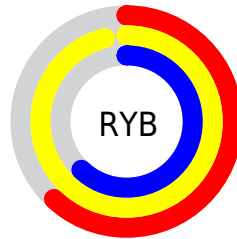
The RYB color **157, 244, 158** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **158, 157, 244**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **212, 255, 212**, and **104, 188, 106** is the 20% darker color. If you saturate the color by 10%, you get **133, 244, 134**, and if you desaturate by 10%, it is **181, 244, 182**.

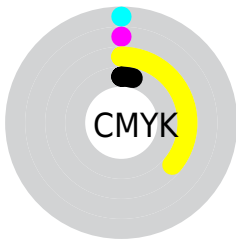
Distribution



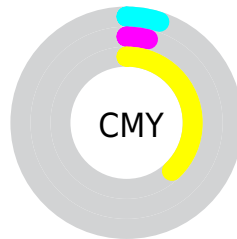
- Red (95%)
- Green (96%)
- Blue (62%)



- Red (62%)
- Yellow (96%)
- Blue (62%)



- Cyan (0%)
- Magenta (0%)
- Yellow (36%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 244, 158 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 157, 244, 158 by changing the saturation by 10% instead.

 157, 244, 158

255, 255, 255


 212, 255, 212


 241, 255, 241

 157, 244, 158

 130, 216, 132

 104, 188, 106

 79, 161, 82

 54, 135, 58

 29, 110, 35

 0, 85, 6

 0, 62, 7

 0, 40, 10

 0, 21, 21

■ 157, 244, 158

■ 157, 244, 158

■ 133, 244, 134

■ 181, 244, 182

■ 108, 244, 110

■ 206, 244, 206

■ 84, 244, 86

■ 230, 244, 230

■ 59, 244, 61

■ 244, 244, 255

■ 35, 244, 37

■ 245, 244, 255

■ 11, 244, 14

■ 246, 244, 255

■ 0, 244, 3

Harmonies

Analogous

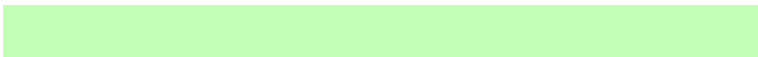
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



191, 255, 157



157, 244, 158



180, 255, 240

Triad

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



157, 244, 158



95, 175, 255



255, 209, 255

Complementary

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



157, 244, 158



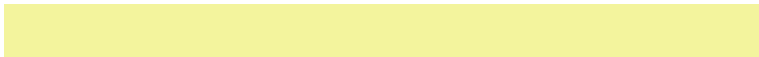
158, 157, 244

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, 219, 255



157, 244, 158



152, 202, 255

Square

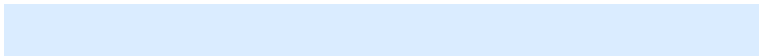
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



157, 244, 158



97, 176, 255



218, 230, 255



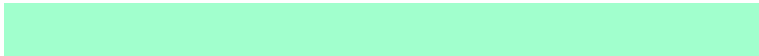
255, 207, 216

Rectangle

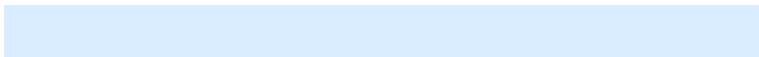
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



157, 244, 158



161, 225, 255



218, 230, 255



255, 211, 255

Sweetspot

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



157, 244, 158



227, 255, 227



244, 157, 157



111, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



157, 244, 158



145, 255, 146



157, 244, 200



110, 122, 110



0, 186, 2



0, 59, 1

Inverse Universe

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



158, 157, 244



147, 145, 255



201, 157, 244



110, 110, 122



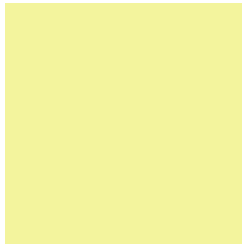
2, 0, 186



1, 0, 59

Previews

White Background



This preview shows how the RYB color 157, 244, 158 looks on a white background.

Color Contrast Check

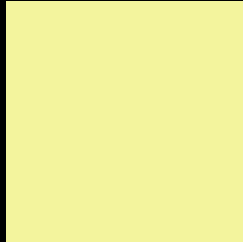
Large Text (above 18pt) WCAG AA × Fail

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 157, 244, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

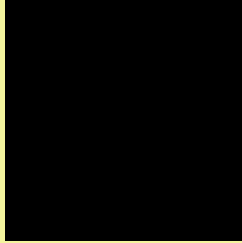
Any Text WCAG AA ✓ Pass

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 157, 244, 158 Background



This preview shows how black text looks on a background with the RYB color 157, 244, 158.

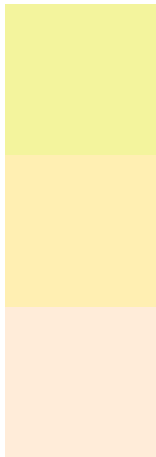


This preview shows how white text looks on a background with the RYB color 157, 244, 158.

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



Original Color
157, 244, 158

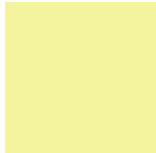
Protanopia
198, 255, 178

Deuteranopia
255, 255, 217



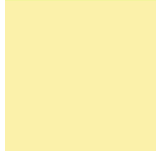
Tritanopia
254, 232, 251

Trichromacy



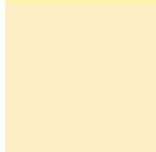
Original Color

157, 244, 158



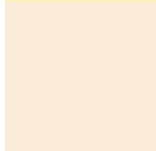
Protanomaly

181, 251, 170



Deuteranomaly

210, 251, 195



Tritanomaly

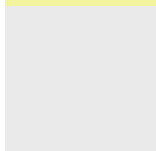
241, 250, 217

Monochromacy



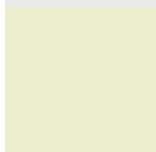
Original Color

157, 244, 158



Achromatopsia

234, 234, 234



Achromatomaly

206, 238, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 244, 158 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(243, 244, 157) looks like.

```
.text, #text, p{  
    color:rgb(243, 244, 157)  
}
```

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(243, 244, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 244, 157) }
```

Border

The CSS property to change the border of an element to RYB 157, 244, 158 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(243, 244, 157) }
```

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

```
.border{ border-color:rgb(243, 244, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 244, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 244, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 244, 157);  
box-shadow:4px 4px 4px 4px rgb(243, 244,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 157, 244, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 244, 157) }
```

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

```
.background{ background-color: rgb(243,  
244, 157) }
```

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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