

Converting Colors

`RYB(157, 241, 169)`

Have a look what the booklet for
RYB(157, 241, 169) contains.

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Color

R_YB(157, 241, 169)

Conversions

Conversions Part 1

Format	Color
Hex	E5F19D
RGB	229, 241, 157
RGB Percent	90%, 95%, 62%
CMY	0.1020, 0.0549, 0.3843
CMYK	0.05, 0.00, 0.35, 0.05
HSL	69°, 75%, 78%
HSV	69°, 35%, 95%
XYZ	69.8542, 82.0029, 44.0447
YIQ	227.8360, 19.8120, -28.6680

Conversions

Conversions Part 2

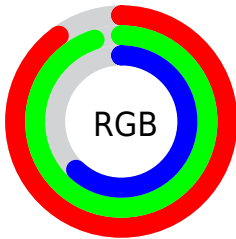
Format	Color
RYB	157, 241, 169
Decimal	15069597
CIELab	92.58, -16.78, 39.29
CIELCh	93, 42.721, 113.129
Yxy	82.0029, 0.3566, 0.4186
Android (android.graphics.Color)	4293259677 (0xFFE5F19D)
YUV	227.8360, -34.9221, 1.0208
Hunter-Lab	90.5555, -20.7777, 34.5511

Details

The RYB color **157, 241, 169** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **169, 157, 241**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **212, 255, 212**, and **104, 185, 117** is the 20% darker color. If you saturate the color by 10%, you get **133, 241, 148**, and if you desaturate by 10%, it is **181, 241, 190**.

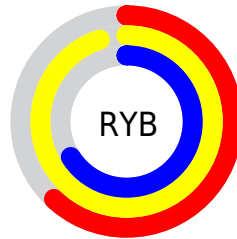
Distribution



Red (90%)

Green (95%)

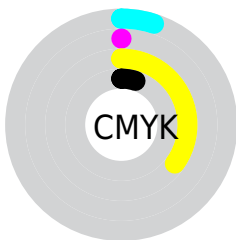
Blue (62%)



Red (62%)

Yellow (95%)

Blue (66%)

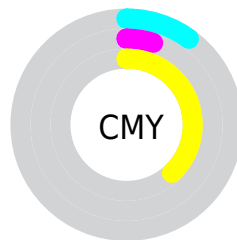


Cyan (5%)

Magenta (0%)

Yellow (35%)

Black (5%)



Cyan (10%)

Magenta (5%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 241, 169 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, 241, 169 by changing the saturation by 10% instead.

 157, 241, 169

255, 255, 255

 212, 255, 212

 241, 255, 241

 157, 241, 169

 130, 213, 143

 104, 185, 117


 79, 158, 92


 55, 132, 68

 30, 107, 44

 2, 83, 17

 0, 59, 14

 0, 38, 19

 0, 16, 16

157, 241, 169

157, 241, 169

133, 241, 148

181, 241, 190

109, 241, 128

205, 241, 210

85, 241, 107

229, 241, 231

61, 241, 87

243, 241, 253

37, 241, 66

246, 241, 255

12, 241, 45

250, 241, 255

0, 241, 34

253, 241, 255

255, 241, 255

Harmonies

Analogous

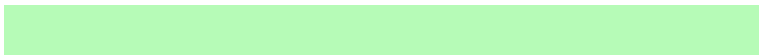
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



189, 255, 152



157, 241, 169



182, 250, 251

Triad

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



157, 241, 169



103, 178, 255



255, 203, 245

Complementary

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



157, 241, 169



169, 157, 241

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, 212, 255



157, 241, 169



162, 205, 255

Square

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



157, 241, 169



91, 173, 255



226, 227, 255



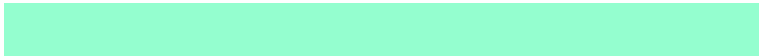
255, 204, 203

Rectangle

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



157, 241, 169



148, 216, 254



226, 227, 255



255, 205, 255

Sweetspot

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



157, 241, 169



230, 255, 234



241, 170, 157



112, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

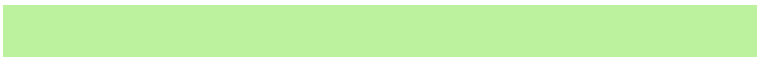
The Same Dimension uses a secret algorithm to generate beautiful new colors.



157, 241, 169



148, 255, 163



157, 241, 210



108, 120, 110



0, 184, 27



0, 56, 8

Inverse Universe

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



169, 157, 241



163, 148, 255



210, 157, 241



110, 108, 120



26, 0, 184



8, 0, 56

Previews

White Background



This preview shows how the RYB color 157, 241, 169 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, 241, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

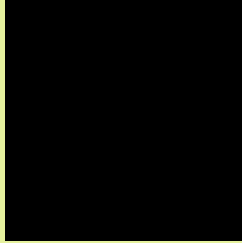
Any Text WCAG AA ✓ Pass

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, 241, 169 Background



This preview shows how black text looks on a background with the RYB color 157, 241, 169.

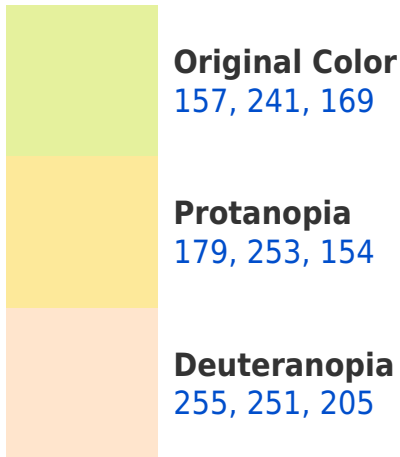


This preview shows how white text looks on a background with the RYB color 157, 241, 169.

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

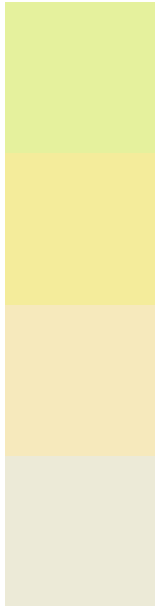




Tritanopia

240, 230, 248

Trichromacy



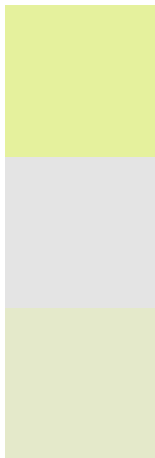
Original Color
157, 241, 169

Protanomaly
164, 244, 155

Deuteranomaly
205, 246, 188

Tritanomaly
217, 236, 215

Monochromacy



Original Color
157, 241, 169

Achromatopsia
228, 228, 228

Achromatomaly
202, 233, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 241, 169 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(229, 241, 157) looks like.

```
.text, #text, p{  
    color:rgb(229, 241, 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(229, 241, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 241, 157) }
```

Border

The CSS property to change the border of an element to RYB 157, 241, 169 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(229, 241, 157) }
```

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

```
.border{ border-color:rgb(229, 241, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 241, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 241, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 241, 157);  
box-shadow:4px 4px 4px 4px rgb(229, 241,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 157, 241, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 241, 157) }
```

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

```
.background{ background-color: rgb(229,  
241, 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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