

Converting Colors

`RYB(157, 211, 174)`

Have a look what the booklet for
RYB(157, 211, 174) contains.

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Color

R_YB(157, 211, 174)

Conversions

Conversions Part 1

Format	Color
Hex	C2D39D
RGB	194, 211, 157
RGB Percent	76%, 83%, 62%
CMY	0.2392, 0.1725, 0.3843
CMYK	0.08, 0.00, 0.26, 0.17
HSL	79°, 38%, 72%
HSV	79°, 26%, 83%
XYZ	51.6282, 60.4922, 40.8534
YIQ	199.7610, 7.2020, -20.3980

Conversions

Conversions Part 2

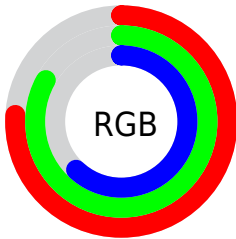
Format	Color
RYB	157, 211, 174
Decimal	12768157
CIELab	82.10, -14.90, 24.90
CIELCh	82, 29.016, 120.908
Yxy	60.4922, 0.3375, 0.3954
Android (android.graphics.Color)	4290958237 (0xFFC2D39D)
YUV	199.7610, -21.0812, -5.0524
Hunter-Lab	77.7767, -17.6209, 23.3008

Details

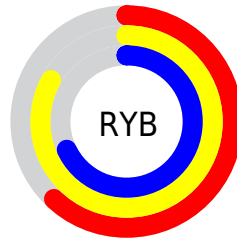
The RYB color **157, 211, 174** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **174, 157, 211**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **212, 255, 216**, and **105, 156, 121** is the 20% darker color. If you saturate the color by 10%, you get **136, 211, 160**, and if you desaturate by 10%, it is **178, 211, 188**.

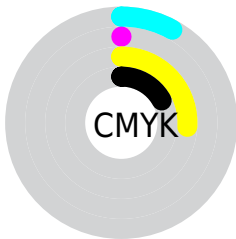
Distribution



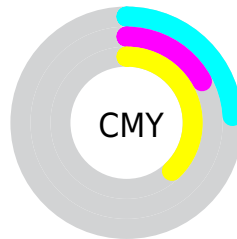
- Red (76%)
- Green (83%)
- Blue (62%)



- Red (62%)
- Yellow (83%)
- Blue (68%)



- Cyan (8%)
- Magenta (0%)
- Yellow (26%)
- Black (17%)



- Cyan (24%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 211, 174 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, 211, 174 by changing the saturation by 10% instead.


 157, 211, 174

255, 255, 255


 212, 255, 216

 240, 255, 240

 157, 211, 174

 131, 183, 147


 105, 156, 121


 81, 130, 97

 57, 105, 73

 35, 81, 51

 13, 58, 29

 0, 36, 15

 0, 14, 14

 0, 0, 0

 157, 211, 174

 157, 211, 174

 136, 211, 160

 178, 211, 188

 115, 211, 145

 199, 211, 203

 94, 211, 131

 214, 211, 220

 73, 211, 117

 221, 211, 241

 52, 211, 102

 227, 211, 255

 30, 211, 87

 234, 211, 255

 9, 211, 72

 240, 211, 255

 0, 211, 66

 247, 211, 255

 254, 211, 255

Harmonies

Analogous

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



178, 223, 150



157, 211, 174



163, 206, 217

Triad

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



157, 211, 174



138, 183, 251



255, 184, 204

Complementary

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



157, 211, 174



174, 157, 211

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.



240, 189, 231



157, 211, 174



172, 196, 255

Square

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



157, 211, 174



124, 174, 231



210, 197, 251



255, 188, 178

Rectangle

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



157, 211, 174



144, 189, 219



210, 197, 251



253, 185, 214

Sweetspot

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



157, 211, 174



235, 255, 241



211, 180, 157



115, 128, 120



0, 0, 0



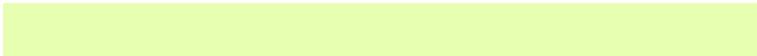
128, 128, 128

Same Dimension

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



157, 211, 174



176, 255, 201



157, 211, 200



94, 105, 98



0, 168, 53



0, 41, 13

Inverse Universe

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



174, 157, 211



201, 176, 255



200, 157, 211



97, 94, 105



53, 0, 168



13, 0, 41

Previews

White Background



This preview shows how the RYB color 157, 211, 174 looks on a white background.

Color Contrast Check

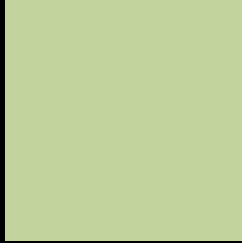
Large Text (above 18pt) WCAG AA × Fail

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, 211, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

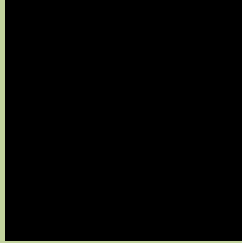
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

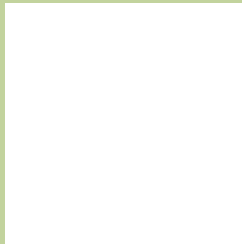
Any Text WCAG AAA ✓ Pass

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

RYB 157, 211, 174 Background



This preview shows how black text looks on a background with the RYB color 157, 211, 174.

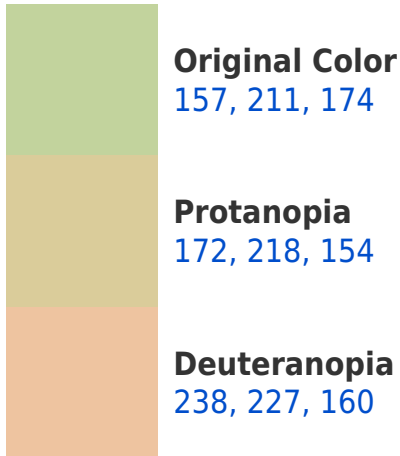


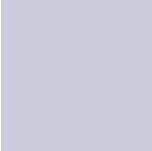
This preview shows how white text looks on a background with the RYB color 157, 211, 174.

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
203, 203, 219

Trichromacy



Original Color
157, 211, 174

Protanomaly
157, 209, 155

Deuteranomaly
191, 222, 159

Tritanomaly
196, 206, 202

Monochromacy



Original Color
157, 211, 174

Achromatopsia
200, 200, 200

Achromatomaly
184, 204, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 211, 194 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(194, 211, 157) looks like.

```
.text, #text, p{  
    color:rgb(194, 211, 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(194, 211, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 211, 157) }
```

Border

The CSS property to change the border of an element to RYB 157, 211, 174 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(194, 211, 157) }
```

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

```
.border{ border-color:rgb(194, 211, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 211, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 211, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 211, 157); box-shadow:4px 4px 4px 4px rgb(194, 211, 157) }
```

Background

The CSS property to change the background color of an element to RYB 157, 211, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 211, 157) }
```

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

```
.background{ background-color: rgb(194,  
211, 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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