

Converting Colors

`RYB(171, 222, 158)`

Have a look what the booklet for
RYB(171, 222, 158) contains.

RYB(171, 222, 158)	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(171, 222, 158)

Conversions

Conversions Part 1

Format	Color
Hex	DED39E
RGB	222, 211, 158
RGB Percent	87%, 83%, 62%
CMY	0.1294, 0.1718, 0.3804
CMYK	0.00, 0.05, 0.29, 0.13
HSL	50°, 49%, 75%
HSV	50°, 29%, 87%
XYZ	59.6384, 64.6836, 41.6897
YIQ	208.2470, 23.5690, -14.1510

Conversions

Conversions Part 2

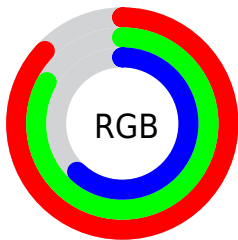
Format	Color
RYB	171, 222, 158
Decimal	14603166
CIELab	84.32, -4.36, 27.74
CIELCh	84, 28.078, 98.935
Yxy	64.6836, 0.3592, 0.3896
Android (android.graphics.Color)	4292793246 (0xFFDED39E)
YUV	208.2470, -24.7718, 12.0614
Hunter-Lab	80.4261, -8.3824, 25.5647

Details

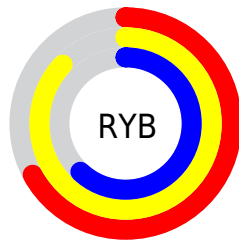
The RYB color **171, 222, 158** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158, 167, 222**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **213, 255, 213**, and **117, 166, 106** is the 20% darker color. If you saturate the color by 10%, you get **154, 222, 136**, and if you desaturate by 10%, it is **188, 222, 180**.

Distribution



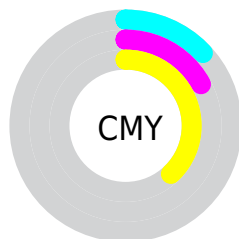
- Red (87%)
- Green (83%)
- Blue (62%)



- Red (67%)
- Yellow (87%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 222, 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 171, 222, 158 by changing the saturation by 10% instead.


 171, 222, 158


255, 255, 255


 213, 255, 213


 241, 255, 241

 171, 222, 158

 144, 194, 132

 117, 166, 106

 91, 139, 82

 66, 113, 58

 42, 88, 35

 17, 63, 13

 4, 41, 0

 0, 17, 4

 0, 0, 0

■ 171, 222, 158

■ 171, 222, 158

■ 154, 222, 136

■ 188, 222, 180

■ 136, 222, 114

■ 206, 222, 202

■ 117, 222, 91

■ 222, 222, 225

■ 100, 222, 69

■ 222, 225, 247

■ 83, 222, 47

■ 222, 228, 255

■ 65, 222, 25

■ 222, 231, 255

■ 48, 222, 3

■ 222, 232, 255

■ 44, 222, 0

■ 222, 234, 255

■ 222, 236, 255

Harmonies

Analogous

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



247, 238, 162



171, 222, 158



169, 219, 196

Triad

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



171, 222, 158



135, 184, 243



251, 194, 230

Complementary

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



171, 222, 158



158, 167, 222

Split Complementary

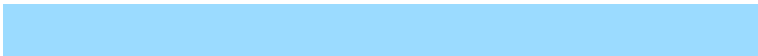
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225, 201, 252



171, 222, 158



155, 194, 255

Square

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



171, 222, 158



140, 184, 225



189, 205, 255



255, 191, 203

Rectangle

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



171, 222, 158



172, 214, 222



189, 205, 255



244, 196, 238

Sweetspot

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



171, 222, 158



237, 255, 232



222, 158, 170



117, 128, 113



0, 0, 0



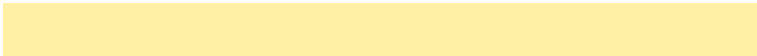
128, 128, 128

Same Dimension

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



171, 222, 158



184, 255, 166



158, 222, 178



103, 112, 101



36, 176, 0



10, 48, 0

Inverse Universe

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



158, 167, 222



166, 179, 255



178, 158, 222



101, 103, 112



0, 26, 176



0, 7, 48

Previews

White Background



This preview shows how the RYB color 171, 222, 158 looks on a white background.

Color Contrast Check

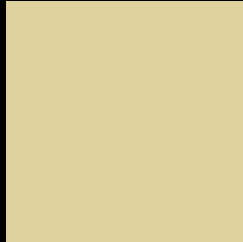
Large Text (above 18pt) WCAG AA × Fail

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 171, 222, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

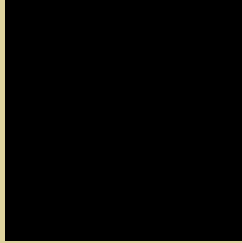
Any Text WCAG AA ✓ Pass

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 171, 222, 158 Background



This preview shows how black text looks on a background with the RYB color 171, 222, 158.



This preview shows how white text looks on a background with the RYB color 171, 222, 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
171, 222, 158

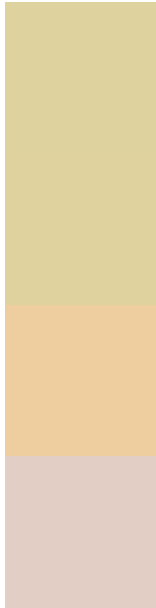
Protanopia
177, 225, 158

Deuteranopia
247, 241, 160



Tritanopia
229, 203, 219

Trichromacy



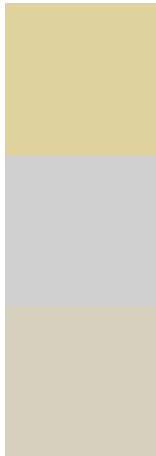
Original Color
171, 222, 158

Protanomaly
176, 224, 158

Deuteranomaly
216, 238, 159

Tritanomaly
226, 210, 197

Monochromacy



Original Color
171, 222, 158

Achromatopsia
208, 208, 208

Achromatomaly
195, 213, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 222, 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(222, 211, 158)` looks like.

```
.text, #text, p{  
    color:rgb(222, 211, 158)  
}
```

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(222, 211, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 211, 158) }
```

Border

The CSS property to change the border of an element to RYB 171, 222, 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(222, 211, 158) }
```

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

```
.border{ border-color:rgb(222, 211, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 211, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 211, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 211, 158);  
box-shadow:4px 4px 4px 4px rgb(222, 211,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 171, 222, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 211, 158) }
```

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

```
.background{ background-color: rgb(222,  
211, 158) }
```

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