

Converting Colors

`RYB(154, 222, 174)`

Have a look what the booklet for
RYB(154, 222, 174) contains.

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Color

R_YB(154, 222, 174)

Conversions

Conversions Part 1

Format	Color
Hex	CADE9A
RGB	202, 222, 154
RGB Percent	79%, 87%, 60%
CMY	0.2078, 0.1294, 0.3961
CMYK	0.09, 0.00, 0.31, 0.13
HSL	78°, 51%, 74%
HSV	78°, 31%, 87%
XYZ	56.3111, 67.1322, 40.5617
YIQ	208.2680, 9.9080, -25.3880

Conversions

Conversions Part 2

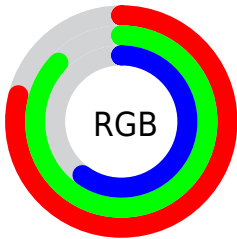
Format	Color
RYB	154, 222, 174
Decimal	13295258
CIELab	85.57, -17.86, 31.21
CIELCh	86, 35.965, 119.781
Yxy	67.1322, 0.3433, 0.4093
Android (android.graphics.Color)	4291485338 (0xFFCADE9A)
YUV	208.2680, -26.7541, -5.4970
Hunter-Lab	81.9342, -20.7068, 28.0023

Details

The RYB color **154, 222, 174** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **174, 154, 222**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **209, 255, 209**, and **102, 167, 122** is the 20% darker color. If you saturate the color by 10%, you get **132, 222, 159**, and if you desaturate by 10%, it is **176, 222, 189**.

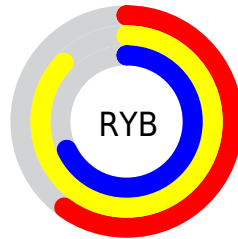
Distribution



Red (79%)

Green (87%)

Blue (60%)



Red (60%)

Yellow (87%)

Blue (68%)

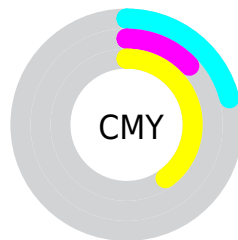


Cyan (9%)

Magenta (0%)

Yellow (31%)

Black (13%)



Cyan (21%)

Magenta (13%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 222, 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 154, 222, 174 by changing the saturation by 10% instead.


 154, 222, 174


255, 255, 255


 209, 255, 209

 237, 255, 237

 154, 222, 174

 128, 194, 148

 102, 167, 122

 77, 140, 96

 54, 115, 74

 30, 90, 49

 6, 67, 26

 0, 44, 19

 0, 26, 26

 0, 0, 0

 154, 222, 174

 154, 222, 174

 132, 222, 159

 176, 222, 189

 110, 222, 143

 198, 222, 205

 87, 222, 127

 221, 222, 221

 65, 222, 111

 228, 222, 243

 43, 222, 96

 235, 222, 255

 21, 222, 80

 241, 222, 255

 0, 222, 65

 248, 222, 255

 254, 222, 255

 255, 222, 255

Harmonies

Analogous

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



182, 238, 146



154, 222, 174



162, 215, 229

Triad

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



154, 222, 174



122, 180, 255



255, 189, 215

Complementary

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



154, 222, 174



174, 154, 222

Split Complementary

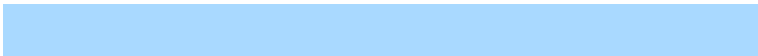
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 194, 249



154, 222, 174



169, 200, 255

Square

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



154, 222, 174



103, 171, 246



218, 205, 255



255, 192, 182

Rectangle

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



154, 222, 174



136, 193, 232



218, 205, 255



255, 190, 227

Sweetspot

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



154, 222, 174



232, 255, 239



222, 180, 154



113, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



154, 222, 174



161, 255, 189



154, 222, 207



101, 112, 104



0, 176, 52



0, 48, 14

Inverse Universe

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



174, 154, 222



188, 161, 255



207, 154, 222



104, 101, 112



52, 0, 176



14, 0, 48

Previews

White Background



This preview shows how the RYB color 154, 222, 174 looks on a white background.

Color Contrast Check

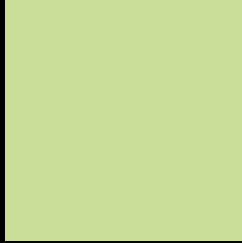
Large Text (above 18pt) WCAG AA × Fail

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 154, 222, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

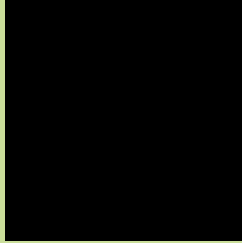
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

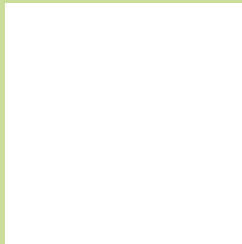
Any Text WCAG AAA ✓ Pass

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

RYB 154, 222, 174 Background



This preview shows how black text looks on a background with the RYB color 154, 222, 174.

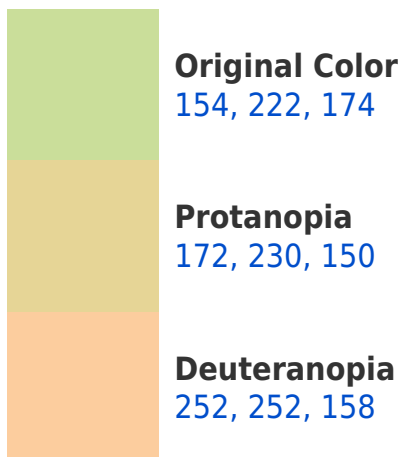


This preview shows how white text looks on a background with the RYB color 154, 222, 174.

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](#).

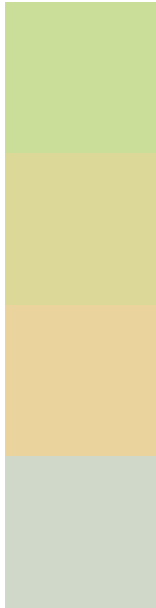
Dichromacy





Tritanopia
212, 212, 229

Trichromacy



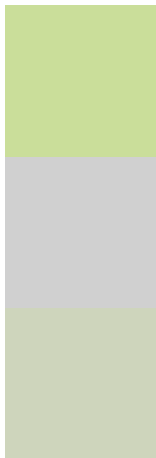
Original Color
154, 222, 174

Protanomaly
155, 220, 151

Deuteranomaly
190, 234, 157

Tritanomaly
202, 216, 210

Monochromacy



Original Color
154, 222, 174

Achromatopsia
208, 208, 208

Achromatomaly
188, 213, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 222, 174 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(202, 222, 154)` looks like.

```
.text, #text, p{  
    color:rgb(202, 222, 154)  
}
```

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(202, 222, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 222, 154) }
```

Border

The CSS property to change the border of an element to RYB 154, 222, 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(202, 222, 154) }
```

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

```
.border{ border-color:rgb(202, 222, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 222, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 222, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 222, 154);  
box-shadow:4px 4px 4px 4px rgb(202, 222,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 154, 222, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 222, 154) }
```

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

```
.background{ background-color: rgb(202,  
222, 154) }
```

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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