

Converting Colors

`RYB(174, 211, 167)`

Have a look what the booklet for
RYB(174, 211, 167) contains.

RYB(174, 211, 167)	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(174, 211, 167)

Conversions

Conversions Part 1

Format	Color
Hex	D3CDA7
RGB	211, 205, 167
RGB Percent	83%, 80%, 65%
CMY	0.1725, 0.1962, 0.3451
CMYK	0.00, 0.03, 0.21, 0.17
HSL	52°, 33%, 74%
HSV	52°, 21%, 83%
XYZ	55.6610, 60.2828, 45.2613
YIQ	202.4620, 15.7740, -10.5460

Conversions

Conversions Part 2

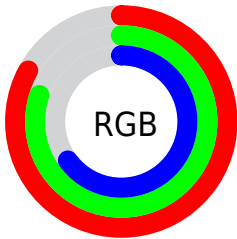
Format	Color
RYB	174, 211, 167
Decimal	13880743
CIELab	81.99, -4.06, 19.69
CIELCh	82, 20.102, 101.649
Yxy	60.2828, 0.3453, 0.3740
Android (android.graphics.Color)	4292070823 (0xFFD3CDA7)
YUV	202.4620, -17.4828, 7.4878
Hunter-Lab	77.6420, -7.9082, 19.7864

Details

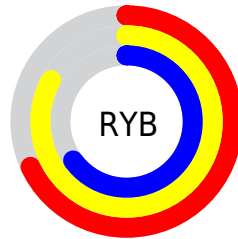
The RYB color **174, 211, 167** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **167, 172, 211**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **222, 255, 222**, and **121, 156, 115** is the 20% darker color. If you saturate the color by 10%, you get **156, 211, 146**, and if you desaturate by 10%, it is **191, 211, 188**.

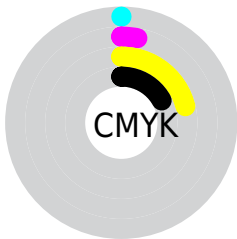
Distribution



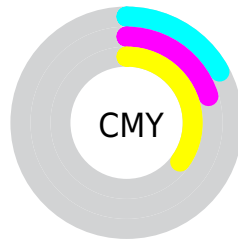
- Red (83%)
- Green (80%)
- Blue (65%)



- Red (68%)
- Yellow (83%)
- Blue (65%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 211, 167 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 174, 211, 167 by changing the saturation by 10% instead.

 174, 211, 167


255, 255, 255

 222, 255, 222


 251, 255, 251

 174, 211, 167


 147, 183, 141

 121, 156, 115

 96, 130, 90

 70, 104, 66

 49, 80, 44

 25, 56, 23

 3, 35, 0

 0, 10, 9

 0, 0, 0

■ 174, 211, 167

■ 174, 211, 167

■ 156, 211, 146

■ 191, 211, 188

■ 139, 211, 125

■ 209, 211, 209

■ 121, 211, 104

■ 211, 214, 230

■ 104, 211, 83

■ 211, 216, 251

■ 86, 211, 62

■ 211, 218, 255

■ 67, 211, 40

■ 211, 220, 255

■ 49, 211, 19

■ 211, 222, 255

■ 34, 211, 0

■ 211, 223, 255

■ 211, 225, 255

Harmonies

Analogous

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



229, 229, 169



174, 211, 167



175, 210, 195

Triad

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



174, 211, 167



155, 187, 228



235, 192, 216

Complementary

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



174, 211, 167



167, 172, 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.



216, 197, 232



174, 211, 167



169, 194, 239

Square

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



174, 211, 167



156, 187, 215



192, 201, 241



243, 191, 197

Rectangle

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



174, 211, 167



176, 206, 213



192, 201, 241



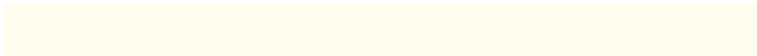
229, 193, 222

Sweetspot

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



174, 211, 167



242, 255, 240



211, 167, 174



122, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



174, 211, 167



201, 255, 191



167, 211, 182



96, 105, 94



27, 168, 0



7, 41, 0

Inverse Universe

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



167, 172, 211



191, 199, 255



182, 167, 211



94, 96, 105



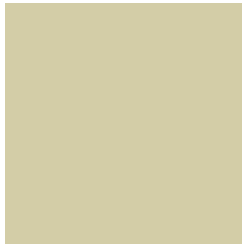
0, 20, 168



0, 5, 41

Previews

White Background



This preview shows how the RYB color 174, 211, 167 looks on a white background.

Color Contrast Check

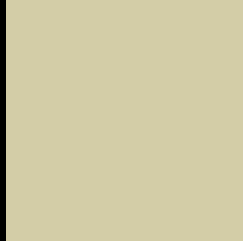
Large Text (above 18pt) WCAG AA × Fail

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 174, 211, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

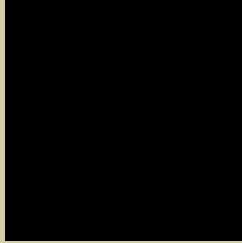
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

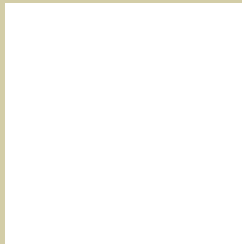
Any Text WCAG AAA ✓ Pass

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

RYB 174, 211, 167 Background



This preview shows how black text looks on a background with the RYB color 174, 211, 167.



This preview shows how white text looks on a background with the RYB color 174, 211, 167.

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
174, 211, 167

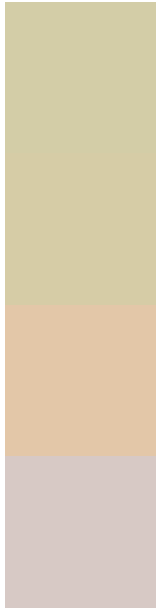
Protanopia
184, 216, 166

Deuteranopia
236, 214, 169



Tritanopia
217, 198, 214

Trichromacy



Original Color

174, 211, 167

Protanomaly

179, 214, 166

Deuteranomaly

221, 227, 168

Tritanomaly

215, 202, 197

Monochromacy



Original Color

174, 211, 167

Achromatopsia

202, 202, 202

Achromatomaly

191, 205, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 211, 167 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(211, 205, 167) looks like.

```
.text, #text, p{  
    color:rgb(211, 205, 167)  
}
```

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(211, 205, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 205, 167) }
```

Border

The CSS property to change the border of an element to RYB 174, 211, 167 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(211, 205, 167) }
```

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

```
.border{ border-color:rgb(211, 205, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 205, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 205, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 205, 167); box-shadow:4px 4px 4px 4px rgb(211, 205, 167) }
```

Background

The CSS property to change the background color of an element to RYB 174, 211, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 205, 167) }
```

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

```
.background{ background-color: rgb(211,  
205, 167) }
```

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