

Converting Colors

`RYB(161, 211, 170)`

Have a look what the booklet for
RYB(161, 211, 170) contains.

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Color

R_YB(161, 211, 170)

Conversions

Conversions Part 1

Format	Color
Hex	CAD3A1
RGB	202, 211, 161
RGB Percent	79%, 83%, 63%
CMY	0.2078, 0.1725, 0.3686
CMYK	0.04, 0.00, 0.24, 0.17
HSL	71°, 36%, 73%
HSV	71°, 24%, 83%
XYZ	54.0844, 61.7183, 42.7805
YIQ	202.6090, 10.6860, -17.4580

Conversions

Conversions Part 2

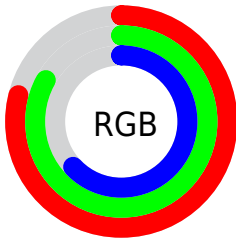
Format	Color
RYB	161, 211, 170
Decimal	13292449
CIELab	82.76, -11.37, 23.80
CIELCh	83, 26.375, 115.543
Yxy	61.7183, 0.3410, 0.3892
Android (android.graphics.Color)	4291482529 (0xFFCAD3A1)
YUV	202.6090, -20.5132, -0.5341
Hunter-Lab	78.5610, -14.5955, 22.7063

Details

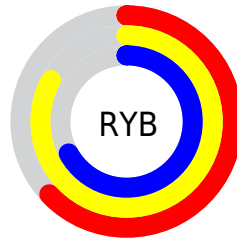
The RYB color **161, 211, 170** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **170, 161, 211**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **216, 255, 216**, and **109, 157, 118** is the 20% darker color. If you saturate the color by 10%, you get **140, 211, 153**, and if you desaturate by 10%, it is **182, 211, 187**.

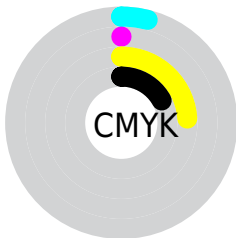
Distribution



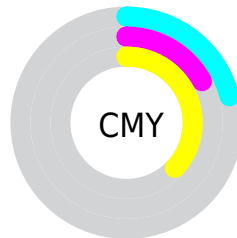
- Red (79%)
- Green (83%)
- Blue (63%)



- Red (63%)
- Yellow (83%)
- Blue (67%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 211, 170 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 161, 211, 170 by changing the saturation by 10% instead.

 161, 211, 170

255, 255, 255


 216, 255, 216


 245, 255, 245

 161, 211, 170

 135, 183, 144

 109, 157, 118


 84, 130, 93

 61, 105, 70

 38, 81, 47

 17, 58, 26

 0, 37, 9

 0, 17, 17

 0, 0, 0

■ 161, 211, 170

■ 161, 211, 170

■ 140, 211, 153

■ 182, 211, 187

■ 119, 211, 136

■ 203, 211, 204

■ 98, 211, 118

■ 213, 211, 224

■ 77, 211, 101

■ 217, 211, 245

■ 56, 211, 84

■ 221, 211, 255

■ 34, 211, 66

■ 225, 211, 255

■ 13, 211, 49

■ 229, 211, 255

■ 0, 211, 38

■ 232, 211, 255

■ 236, 211, 255

Harmonies

Analogous

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



196, 228, 157



161, 211, 170



174, 214, 217

Triad

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



161, 211, 170



144, 186, 246



253, 189, 211

Complementary

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



161, 211, 170



170, 161, 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.



235, 193, 234



161, 211, 170



171, 197, 255

Square

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



161, 211, 170



135, 179, 226



205, 201, 251



255, 189, 186

Rectangle

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



161, 211, 170



156, 196, 219



205, 201, 251



248, 190, 219

Sweetspot

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



161, 211, 170



237, 255, 240



211, 171, 161



117, 128, 119



0, 0, 0



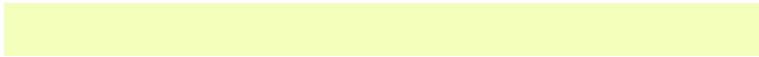
128, 128, 128

Same Dimension

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



161, 211, 170



184, 255, 197



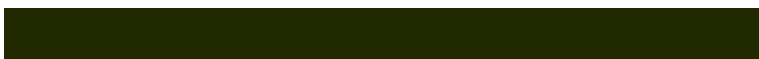
161, 211, 194



94, 105, 96



0, 168, 30



0, 41, 8

Inverse Universe

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



170, 161, 211



196, 184, 255



194, 161, 211



96, 94, 105



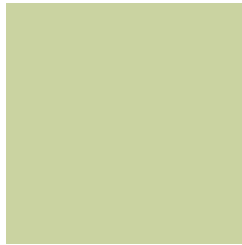
30, 0, 168



7, 0, 41

Previews

White Background



This preview shows how the RYB color 161, 211, 170 looks on a white background.

Color Contrast Check

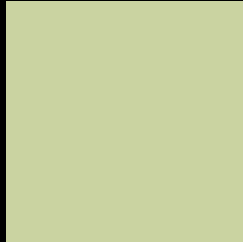
Large Text (above 18pt) WCAG AA × Fail

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 161, 211, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

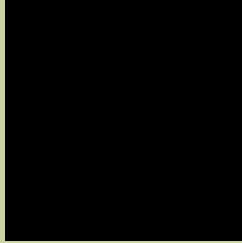
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

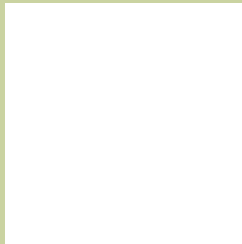
Any Text WCAG AAA ✓ Pass

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

RYB 161, 211, 170 Background



This preview shows how black text looks on a background with the RYB color 161, 211, 170.

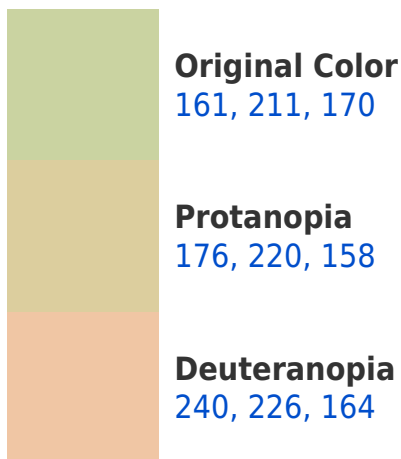


This preview shows how white text looks on a background with the RYB color 161, 211, 170.

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](#).

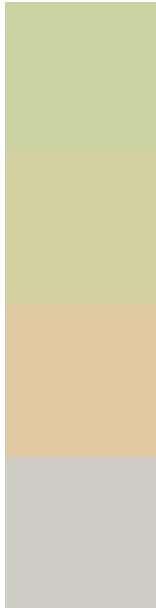
Dichromacy





Tritanopia
210, 203, 219

Trichromacy



Original Color
161, 211, 170

Protanomaly
165, 213, 159

Deuteranomaly
199, 226, 163

Tritanomaly
199, 207, 198

Monochromacy



Original Color
161, 211, 170

Achromatopsia
203, 203, 203

Achromatomaly
188, 206, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 211, 170 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, 211, 161) looks like.

```
.text, #text, p{  
    color:rgb(202, 211, 161)  
}
```

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, 211, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 211, 161) }
```

Border

The CSS property to change the border of an element to RYB 161, 211, 170 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, 211, 161) }
```

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

```
.border{ border-color:rgb(202, 211, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 211, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 211, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 211, 161);  
box-shadow:4px 4px 4px 4px rgb(202, 211,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 161, 211, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 211, 161) }
```

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

```
.background{ background-color: rgb(202,  
211, 161) }
```

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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