

Converting Colors

`RYB(157, 214, 166)`

Have a look what the booklet for
RYB(157, 214, 166) contains.

| | |
|--|----|
| RYB(157, 214, 166) | 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(157, 214, 166)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CDD69D |
| RGB | 205, 214, 157 |
| RGB Percent | 80%, 84%, 62% |
| CMY | 0.1961, 0.1608, 0.3843 |
| CMYK | 0.04, 0.00, 0.27, 0.16 |
| HSL | 69°, 41%, 73% |
| HSV | 69°, 27%, 84% |
| XYZ | 55.3092, 63.5066, 41.2412 |
| YIQ | 204.8110, 12.9330, -19.6350 |

Conversions

Conversions Part 2

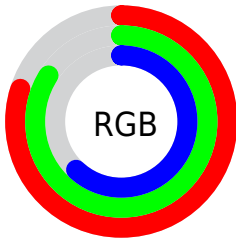
| Format | Color |
|-------------------------------------|--|
| RYB | 157, 214, 166 |
| Decimal | 13489821 |
| CIELab | 83.71, -12.34, 27.20 |
| CIELCh | 84, 29.873, 114.401 |
| Yxy | 63.5066, 0.3456, 0.3968 |
| Android (android.graphics.Color) | 4291679901 (0xFFCDD69D) |
| YUV | 204.8110, -23.5708, 0.1658 |
| Hunter-Lab | 79.6910, -15.5721, 25.1003 |

Details

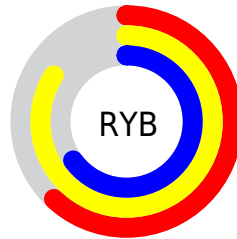
The RYB color **157, 214, 166** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **166, 157, 214**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **212, 255, 212**, and **105, 159, 114** is the 20% darker color. If you saturate the color by 10%, you get **136, 214, 148**, and if you desaturate by 10%, it is **178, 214, 184**.

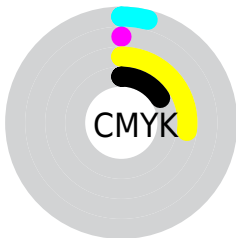
Distribution



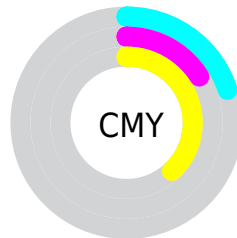
- Red (80%)
- Green (84%)
- Blue (62%)



- Red (62%)
- Yellow (84%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (27%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 157, 214, 166 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, 214, 166 by changing the saturation by 10% instead.


 157, 214, 166

255, 255, 255


 212, 255, 212

 240, 255, 240

 157, 214, 166

 131, 186, 140

 105, 159, 114

 81, 133, 90

 57, 108, 67

 34, 84, 44

 12, 61, 23

 0, 39, 10

 0, 20, 20

 0, 0, 0

 157, 214, 166


 157, 214, 166

 136, 214, 148

 178, 214, 184

 114, 214, 130

 200, 214, 202

 93, 214, 112

 215, 214, 221

 71, 214, 94

 219, 214, 243

 50, 214, 76

 222, 214, 255

 29, 214, 58

 225, 214, 255

 7, 214, 40

 229, 214, 255

 0, 214, 34

 232, 214, 255

 235, 214, 255

Harmonies

Analogous

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



198, 234, 153



157, 214, 166



173, 219, 221

Triad

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



157, 214, 166



134, 184, 254



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.



157, 214, 166



166, 157, 214

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, 194, 242



157, 214, 166



167, 197, 255

Square

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



157, 214, 166



126, 177, 231



206, 203, 255



255, 189, 187

Rectangle

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



157, 214, 166



152, 197, 223



206, 203, 255



255, 190, 225

Sweetspot

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



157, 214, 166



235, 255, 238



214, 168, 157



115, 128, 118



0, 0, 0



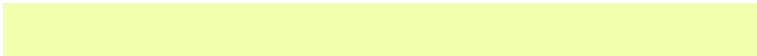
128, 128, 128

Same Dimension

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



157, 214, 166



173, 255, 186



157, 214, 194



96, 107, 98



0, 171, 27



0, 43, 6

Inverse Universe

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



166, 157, 214



186, 173, 255



194, 157, 214



98, 96, 107



27, 0, 171



7, 0, 43

Previews

White Background



This preview shows how the RYB color 157, 214, 166 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, 214, 166 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

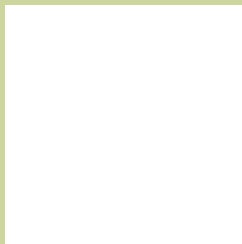
Any Text WCAG AAA ✓ Pass

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

RYB 157, 214, 166 Background



This preview shows how black text looks on a background with the RYB color 157, 214, 166.

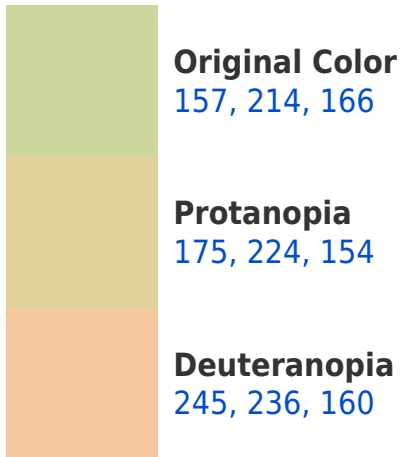


This preview shows how white text looks on a background with the RYB color 157, 214, 166.

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](#).

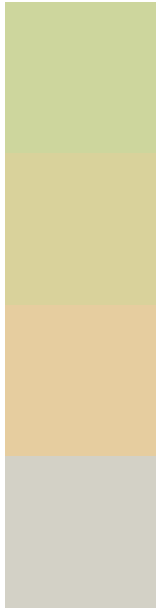
Dichromacy





Tritanopia
214, 206, 222

Trichromacy



Original Color
157, 214, 166

Protanomaly
163, 217, 155

Deuteranomaly
198, 230, 159

Tritanomaly
200, 211, 198

Monochromacy



Original Color
157, 214, 166

Achromatopsia
205, 205, 205

Achromatomaly
188, 208, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 214, 166 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(205, 214, 157) looks like.

```
.text, #text, p{  
    color:rgb(205, 214, 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(205, 214, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 214, 157) }
```

Border

The CSS property to change the border of an element to RYB 157, 214, 166 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(205, 214, 157) }
```

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

```
.border{ border-color:rgb(205, 214, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 214, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 214, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 214, 157); box-shadow:4px 4px 4px 4px rgb(205, 214, 157) }
```

Background

The CSS property to change the background color of an element to RYB 157, 214, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 214, 157) }
```

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

```
.background{ background-color: rgb(205,  
214, 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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