

Converting Colors

`RYB(158, 215, 167)`

Have a look what the booklet for
RYB(158, 215, 167) contains.

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Color

R_YB(158, 215, 167)

Conversions

Conversions Part 1

Format	Color
Hex	CED79E
RGB	206, 215, 158
RGB Percent	81%, 84%, 62%
CMY	0.1922, 0.1569, 0.3804
CMYK	0.04, 0.00, 0.27, 0.16
HSL	69°, 42%, 73%
HSV	69°, 27%, 84%
XYZ	55.9256, 64.1913, 41.7903
YIQ	205.8110, 12.9330, -19.6350

Conversions

Conversions Part 2

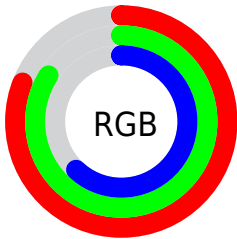
Format	Color
RYB	158, 215, 167
Decimal	13555614
CIELab	84.07, -12.34, 27.18
CIELCh	84, 29.849, 114.409
Yxy	64.1913, 0.3454, 0.3965
Android (android.graphics.Color)	4291745694 (0xFFCED79E)
YUV	205.8110, -23.5708, 0.1658
Hunter-Lab	80.1195, -15.6112, 25.1580

Details

The RYB color **158, 215, 167** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **167, 158, 215**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **213, 255, 213**, and **106, 160, 115** is the 20% darker color. If you saturate the color by 10%, you get **137, 215, 149**, and if you desaturate by 10%, it is **180, 215, 186**.

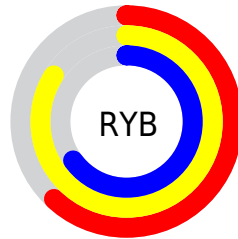
Distribution



Red (81%)

Green (84%)

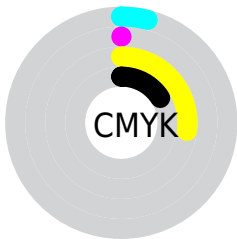
Blue (62%)



Red (62%)

Yellow (84%)

Blue (65%)

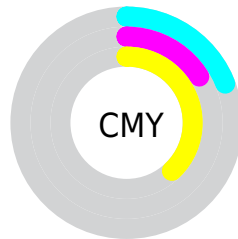


Cyan (4%)

Magenta (0%)

Yellow (27%)

Black (16%)



Cyan (19%)

Magenta (16%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 158, 215, 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 158, 215, 167 by changing the saturation by 10% instead.


 158, 215, 167

255, 255, 255


 213, 255, 213


 241, 255, 241

 158, 215, 167

 132, 187, 141

 106, 160, 115

 82, 134, 91

 58, 109, 68

 35, 85, 45

 13, 61, 23

 0, 40, 10

 0, 20, 20

 0, 0, 0

 158, 215, 167

 158, 215, 167

 137, 215, 149

 180, 215, 186

 115, 215, 131

 201, 215, 203

 94, 215, 113

 216, 215, 223

 72, 215, 95

 220, 215, 244

 51, 215, 77

 223, 215, 255

 29, 215, 58

 226, 215, 255

 8, 215, 41

 230, 215, 255

 0, 215, 34

 233, 215, 255

 237, 215, 255

Harmonies

Analogous

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



199, 235, 154



158, 215, 167



174, 220, 222

Triad

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



158, 215, 167



135, 185, 255



255, 190, 216

Complementary

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



158, 215, 167



167, 158, 215

Split Complementary

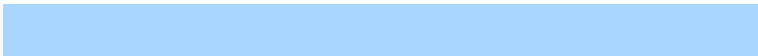
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241, 195, 243



158, 215, 167



168, 198, 255

Square

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



158, 215, 167



127, 178, 232



207, 204, 255



255, 190, 188

Rectangle

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



158, 215, 167



153, 198, 224



207, 204, 255



255, 191, 226

Sweetspot

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



158, 215, 167



235, 255, 238



215, 169, 158



115, 128, 118



0, 0, 0



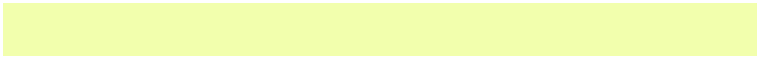
128, 128, 128

Same Dimension

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



158, 215, 167



173, 255, 186



158, 215, 195



96, 107, 98



0, 171, 27



0, 43, 6

Inverse Universe

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



167, 158, 215



186, 173, 255



195, 158, 215



98, 96, 107



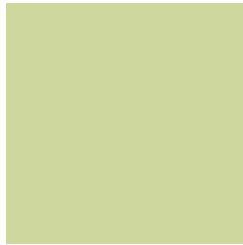
27, 0, 171



7, 0, 43

Previews

White Background



This preview shows how the RYB color 158, 215, 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 158, 215, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

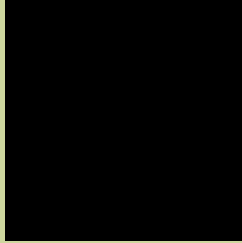
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

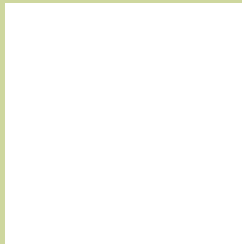
Any Text WCAG AAA ✓ Pass

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

RYB 158, 215, 167 Background



This preview shows how black text looks on a background with the RYB color 158, 215, 167.

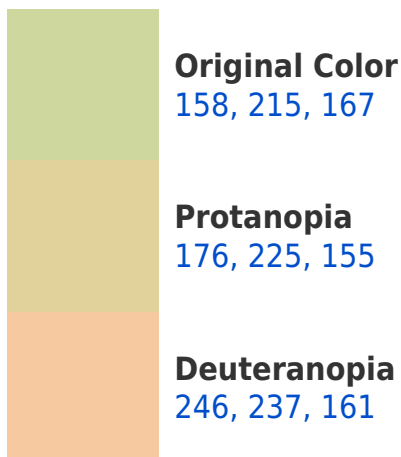


This preview shows how white text looks on a background with the RYB color 158, 215, 167.

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](#).

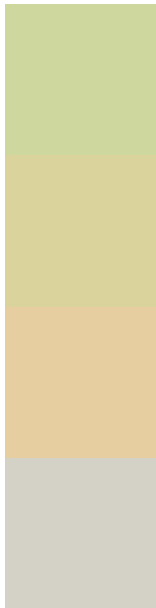
Dichromacy





Tritanopia
215, 207, 223

Trichromacy



Original Color
158, 215, 167

Protanomaly
164, 218, 156

Deuteranomaly
199, 231, 160

Tritanomaly
201, 212, 199

Monochromacy



Original Color
158, 215, 167

Achromatopsia
206, 206, 206

Achromatomaly
189, 209, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 158, 215, 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(206, 215, 158)` looks like.

```
.text, #text, p{  
    color:rgb(206, 215, 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(206, 215, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 215, 158) }
```

Border

The CSS property to change the border of an element to RYB 158, 215, 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(206, 215, 158) }
```

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

```
.border{ border-color:rgb(206, 215, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 215, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 215, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 215, 158);  
box-shadow:4px 4px 4px 4px rgb(206, 215,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 158, 215, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 215, 158) }
```

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

```
.background{ background-color: rgb(206,  
215, 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](#).

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