

Converting Colors

`RYB(149, 215, 167)`

Have a look what the booklet for
RYB(149, 215, 167) contains.

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Color

R_YB(149, 215, 167)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C5D795 |
| RGB | 197, 215, 149 |
| RGB Percent | 77%, 84%, 58% |
| CMY | 0.2275, 0.1569, 0.4157 |
| CMYK | 0.08, 0.00, 0.31, 0.16 |
| HSL | 76°, 45%, 71% |
| HSV | 76°, 31%, 84% |
| XYZ | 52.7512, 62.6411, 37.7444 |
| YIQ | 202.0940, 10.4580, -24.3420 |

Conversions

Conversions Part 2

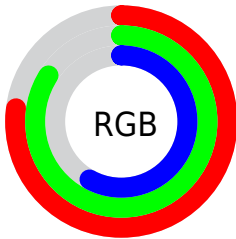
| Format | Color |
|-------------------------------------|---|
| RYB | 149, 215, 167 |
| Decimal | 12965781 |
| CIELab | 83.25, -16.92, 30.63 |
| CIELCh | 83, 34.992, 118.911 |
| Yxy | 62.6411, 0.3445, 0.4091 |
| Android (android.graphics.Color) | 4291155861 (0xFFC5D795) |
| YUV | 202.0940, -26.1753, -4.4674 |
| Hunter-Lab | 79.1461, -19.5348, 27.1272 |

Details

The RYB color **149, 215, 167** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **167, 149, 215**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **204, 255, 205**, and **98, 160, 116** is the 20% darker color. If you saturate the color by 10%, you get **127, 215, 151**, and if you desaturate by 10%, it is **171, 215, 183**.

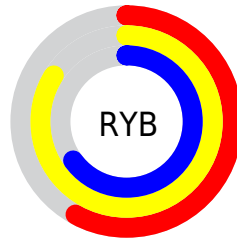
Distribution



Red (77%)

Green (84%)

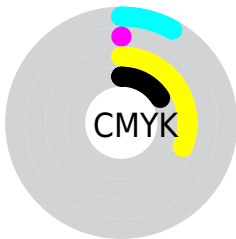
Blue (58%)



Red (58%)

Yellow (84%)

Blue (65%)

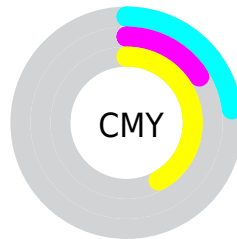


Cyan (8%)

Magenta (0%)

Yellow (31%)

Black (16%)



Cyan (23%)

Magenta (16%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 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 149, 215, 167 by changing the saturation by 10% instead.

 149, 215, 167

255, 255, 255


 204, 255, 205


 232, 255, 232

 149, 215, 167

 123, 187, 141

 98, 160, 116

 73, 134, 91

 49, 109, 67

 26, 84, 44

 2, 61, 20

 0, 39, 18


 0, 20, 20

 0, 0, 0

 149, 215, 167

 149, 215, 167

 127, 215, 151

 171, 215, 183

 106, 215, 136

 192, 215, 198

 85, 215, 121

 214, 215, 214

 63, 215, 104

 220, 215, 235

 42, 215, 89

 226, 215, 255

 20, 215, 73

 232, 215, 255

 0, 215, 59

 238, 215, 255

 244, 215, 255

 250, 215, 255

Harmonies

Analogous

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



181, 232, 142



149, 215, 167



159, 211, 222

Triad

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



149, 215, 167



118, 176, 255



255, 183, 210

Complementary

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



149, 215, 167



167, 149, 215

Split Complementary

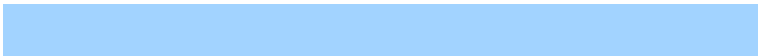
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248, 189, 242



149, 215, 167



162, 194, 255

Square

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



149, 215, 167



101, 166, 238



210, 199, 255



255, 186, 177

Rectangle

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



149, 215, 167



134, 189, 225



210, 199, 255



255, 184, 221

Sweetspot

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



149, 215, 167



232, 255, 238



215, 174, 149



113, 128, 117



0, 0, 0



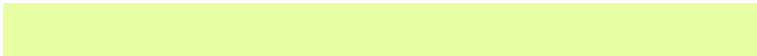
128, 128, 128

Same Dimension

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



149, 215, 167



161, 255, 187



149, 215, 200



96, 107, 99



0, 171, 47



0, 43, 11

Inverse Universe

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



167, 149, 215



186, 161, 255



200, 149, 215



99, 96, 107



47, 0, 171



12, 0, 43

Previews

White Background



This preview shows how the RYB color 149, 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 149, 215, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

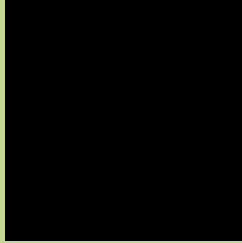
Any Text WCAG AA ✓ Pass

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 149, 215, 167 Background



This preview shows how black text looks on a background with the RYB color 149, 215, 167.

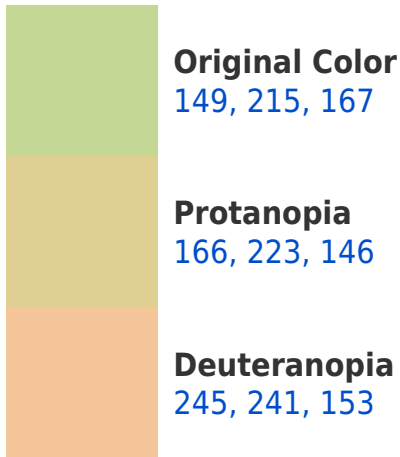


This preview shows how white text looks on a background with the RYB color 149, 215, 167.

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](#).

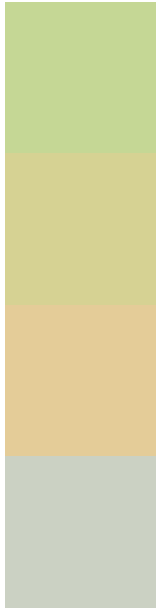
Dichromacy





Tritanopia
207, 206, 222

Trichromacy



Original Color
149, 215, 167

Protanomaly
151, 214, 147

Deuteranomaly
187, 228, 152

Tritanomaly
195, 209, 201

Monochromacy



Original Color
149, 215, 167

Achromatopsia
202, 202, 202

Achromatomaly
183, 207, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 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(149, 215, 167) looks like.

```
.text, #text, p{  
    color:rgb(149, 215, 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(197, 215, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 215, 149) }
```

Border

The CSS property to change the border of an element to RYB 149, 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(197, 215, 149) }
```

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

```
.border{ border-color:rgb(197, 215, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 215, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 215, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 215, 149); box-shadow:4px 4px 4px 4px rgb(197, 215, 149) }
```

Background

The CSS property to change the background color of an element to RYB 149, 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(197, 215, 149) }
```

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

```
.background{ background-color: rgb(197,  
215, 149) }
```

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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