

Converting Colors

`RYB(141, 204, 149)`

Have a look what the booklet for
RYB(141, 204, 149) contains.

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Color

RYB(141, 204, 149)

Conversions

Conversions Part 1

Format	Color
Hex	C4CC8D
RGB	196, 204, 141
RGB Percent	77%, 80%, 55%
CMY	0.2314, 0.2000, 0.4471
CMYK	0.04, 0.00, 0.31, 0.20
HSL	68°, 38%, 68%
HSV	68°, 31%, 80%
XYZ	49.1655, 56.8446, 33.5801
YIQ	194.4260, 15.4550, -21.2890

Conversions

Conversions Part 2

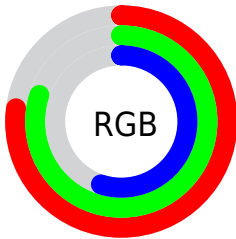
Format	Color
R _{YB}	141, 204, 149
Decimal	12897421
CIE Lab	80.09, -12.82, 30.55
CIE LCh	80, 33.132, 112.766
Yxy	56.8446, 0.3522, 0.4072
Android (android.graphics.Color)	4291087501 (0xFFC4CC8D)
YUV	194.4260, -26.3390, 1.3804
Hunter-Lab	75.3953, -15.5415, 26.3697

Details

The RYB color **141, 204, 149** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **149, 141, 204**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **195, 255, 197**, and **90, 150, 99** is the 20% darker color. If you saturate the color by 10%, you get **121, 204, 132**, and if you desaturate by 10%, it is **161, 204, 166**.

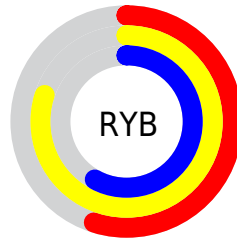
Distribution



Red (77%)

Green (80%)

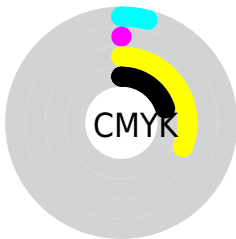
Blue (55%)



Red (55%)

Yellow (80%)

Blue (58%)

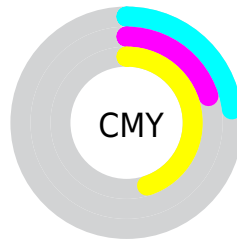


Cyan (4%)

Magenta (0%)

Yellow (31%)

Black (20%)



Cyan (23%)


Magenta (20%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 204, 149 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 141, 204, 149 by changing the saturation by 10% instead.

 141, 204, 149

255, 255, 255


 195, 255, 197

 223, 255, 223

 252, 255, 252

 141, 204, 149

 115, 177, 124


 90, 150, 99

 66, 124, 75

 43, 99, 52

 20, 75, 29

 0, 53, 10


 0, 32, 12


 0, 1, 1

 0, 0, 0

 141, 204, 149

 141, 204, 149

 121, 204, 132

 161, 204, 166

 100, 204, 113

 182, 204, 185

 80, 204, 96

 202, 204, 202

 59, 204, 77

 206, 204, 223

 39, 204, 60

 209, 204, 243

 19, 204, 43

 212, 204, 255

 0, 204, 26

 214, 204, 255

 217, 204, 255

 219, 204, 255

Harmonies

Analogous

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



189, 227, 137



141, 204, 149



160, 211, 211

Triad

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



141, 204, 149



109, 168, 247



254, 176, 207

Complementary

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



141, 204, 149



149, 141, 204

Split Complementary

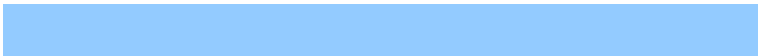
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231, 183, 236



141, 204, 149



147, 184, 255

Square

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



141, 204, 149



102, 160, 221



193, 193, 255



255, 177, 176

Rectangle

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



141, 204, 149



137, 187, 214



193, 193, 255



249, 178, 218

Sweetspot

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



141, 204, 149



232, 255, 235



204, 149, 141



113, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



141, 204, 149



161, 255, 173



141, 204, 180



92, 102, 93



0, 166, 21



0, 38, 5

Inverse Universe

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



149, 141, 204



173, 161, 255



180, 141, 204



93, 92, 102



21, 0, 166



5, 0, 38

Previews

White Background



This preview shows how the RYB color 141, 204, 149 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 141, 204, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

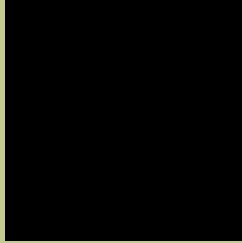
Any Text WCAG AA ✓ Pass

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 141, 204, 149 Background



This preview shows how black text looks on a background with the RYB color 141, 204, 149.

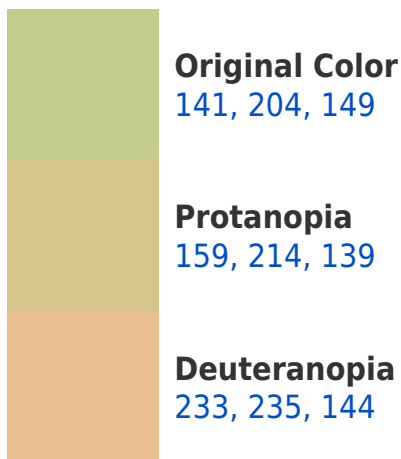



This preview shows how white text looks on a background with the RYB color 141, 204, 149.

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](#).

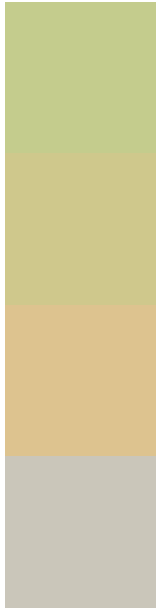
Dichromacy





Tritanopia
205, 195, 211

Trichromacy



Original Color

141, 204, 149

Protanomaly

148, 207, 140

Deuteranomaly

182, 221, 143

Tritanomaly

191, 202, 186

Monochromacy



Original Color

141, 204, 149

Achromatopsia

194, 194, 194

Achromatomaly

175, 198, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 204, 149 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(196, 204, 141) looks like.

```
.text, #text, p{  
    color:rgb(196, 204, 141)  
}
```

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(196, 204, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 204, 141) }
```

Border

The CSS property to change the border of an element to RYB 141, 204, 149 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(196, 204, 141) }
```

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

```
.border{ border-color:rgb(196, 204, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 204, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 204, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 204, 141);  
box-shadow:4px 4px 4px 4px rgb(196, 204,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 141, 204, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 204, 141) }
```

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

```
.background{ background-color: rgb(196,  
204, 141) }
```

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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