

Converting Colors

`RYB(129, 206, 134)`

Have a look what the booklet for
RYB(129, 206, 134) contains.

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Color

R_YB(129, 206, 134)

Conversions

Conversions Part 1

Format	Color
Hex	C9CE81
RGB	201, 206, 129
RGB Percent	79%, 81%, 51%
CMY	0.2118, 0.1922, 0.4941
CMYK	0.02, 0.00, 0.37, 0.19
HSL	64°, 44%, 66%
HSV	64°, 37%, 81%
XYZ	50.1211, 58.1451, 29.3503
YIQ	195.7270, 21.7370, -25.0070

Conversions

Conversions Part 2

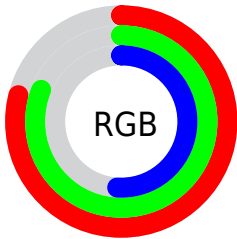
Format	Color
RYB	129, 206, 134
Decimal	13225601
CIELab	80.82, -13.37, 37.73
CIELCh	81, 40.034, 109.513
Yxy	58.1451, 0.3642, 0.4225
Android (android.graphics.Color)	4291415681 (0xFFC9CE81)
YUV	195.7270, -32.8964, 4.6244
Hunter-Lab	76.2529, -16.1144, 30.5559

Details

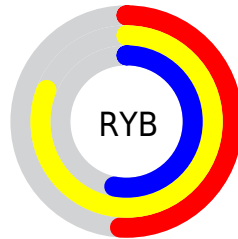
The RYB color **129, 206, 134** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **134, 129, 206**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **183, 255, 183**, and **78, 152, 84** is the 20% darker color. If you saturate the color by 10%, you get **108, 206, 114**, and if you desaturate by 10%, it is **150, 206, 154**.

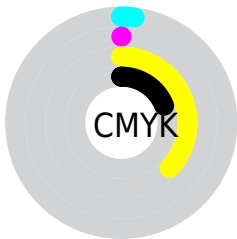
Distribution



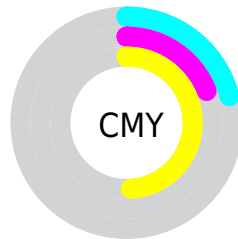
- Red (79%)
- Green (81%)
- Blue (51%)



- Red (51%)
- Yellow (81%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (37%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 206, 134 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 129, 206, 134 by changing the saturation by 10% instead.

 129, 206, 134


255, 255, 255

 183, 255, 183


 211, 255, 211


 239, 255, 239

 129, 206, 134

 103, 179, 109


 78, 152, 84

 54, 126, 61

 30, 101, 38

 3, 77, 12

 0, 54, 9

 0, 33, 12

 0, 6, 6

 0, 0, 0

 129, 206, 134

 129, 206, 134

 108, 206, 114

 150, 206, 154

 88, 206, 96

 170, 206, 172

 67, 206, 76

 191, 206, 192

 47, 206, 57

 206, 206, 211

 26, 206, 38

 208, 206, 232

 5, 206, 18

 209, 206, 253

 0, 206, 13

 210, 206, 255

 212, 206, 255

 213, 206, 255

Harmonies

Analogous

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



200, 238, 127



129, 206, 134



151, 215, 208

Triad

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



129, 206, 134



70, 152, 255



255, 173, 215

Complementary

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



129, 206, 134



134, 129, 206

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, 182, 250



129, 206, 134



126, 176, 255

Square

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



129, 206, 134



67, 145, 224



186, 195, 255



255, 173, 177

Rectangle

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



129, 206, 134



127, 188, 219



186, 195, 255



255, 175, 228

Sweetspot

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



129, 206, 134



227, 255, 229



206, 133, 129



111, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



129, 206, 134



140, 255, 147



129, 206, 171



92, 102, 93



0, 166, 11



0, 38, 2

Inverse Universe

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



134, 129, 206



148, 140, 255



171, 129, 206



92, 92, 102



11, 0, 166



2, 0, 38

Previews

White Background



This preview shows how the RYB color 129, 206, 134 looks on a white background.

Color Contrast Check

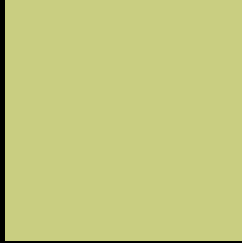
Large Text (above 18pt) WCAG AA × Fail

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 129, 206, 134 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](#).

RYP 129, 206, 134 Background



This preview shows how black text looks on a background with the RYP color 129, 206, 134.

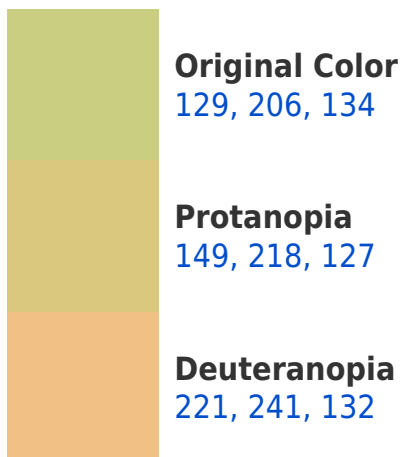



This preview shows how white text looks on a background with the RYP color 129, 206, 134.

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](#).

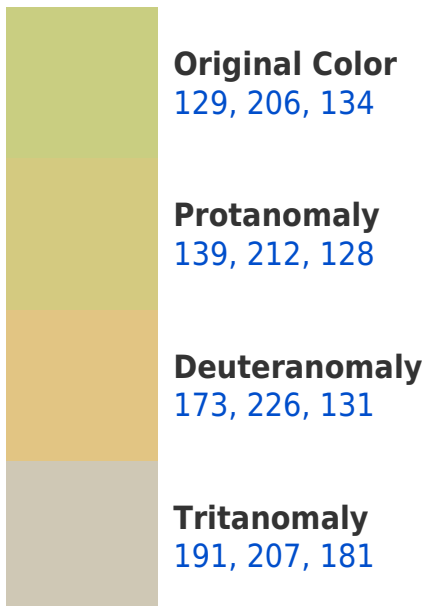
Dichromacy





Tritanopia
211, 196, 211

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 206, 134 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(201, 206, 129)` looks like.

```
.text, #text, p{  
    color:rgb(201, 206, 129)  
}
```

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(201, 206, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 206, 129) }
```

Border

The CSS property to change the border of an element to RYB 129, 206, 134 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(201, 206, 129) }
```

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

```
.border{ border-color:rgb(201, 206, 129) }
```

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

Here you see how a box with a 4 pixel rgb(201, 206, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 206, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 206, 129);  
box-shadow:4px 4px 4px 4px rgb(201, 206,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 129, 206, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 206, 129) }
```

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

```
.background{ background-color: rgb(201,  
206, 129) }
```

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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