

Converting Colors

`RYB(131, 210, 141)`

Have a look what the booklet for
RYB(131, 210, 141) contains.

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Color

R_YB(131, 210, 141)

Conversions

Conversions Part 1

Format	Color
Hex	C8D283
RGB	200, 210, 131
RGB Percent	78%, 82%, 51%
CMY	0.2157, 0.1765, 0.4863
CMYK	0.05, 0.00, 0.38, 0.18
HSL	68°, 47%, 67%
HSV	68°, 38%, 82%
XYZ	50.9627, 60.0112, 30.3700
YIQ	198.0040, 19.3990, -26.6890

Conversions

Conversions Part 2

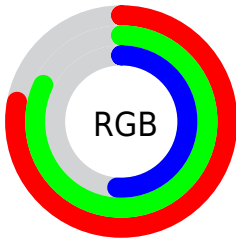
Format	Color
RYB	131, 210, 141
Decimal	13161091
CIELab	81.84, -15.54, 38.02
CIELCh	82, 41.076, 112.232
Yxy	60.0112, 0.3606, 0.4246
Android (android.graphics.Color)	4291351171 (0xFFC8D283)
YUV	198.0040, -33.0330, 1.7505
Hunter-Lab	77.4669, -18.1383, 30.9829

Details

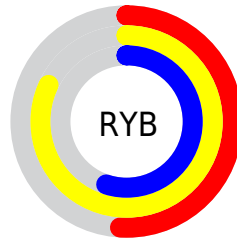
The RYB color **131, 210, 141** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **141, 131, 210**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **185, 255, 185**, and **80, 156, 91** is the 20% darker color. If you saturate the color by 10%, you get **110, 210, 123**, and if you desaturate by 10%, it is **152, 210, 159**.

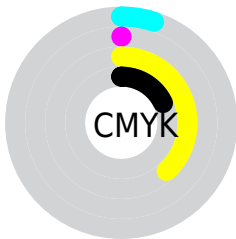
Distribution



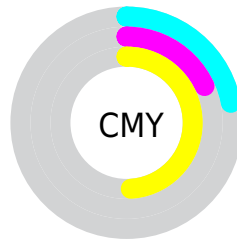
- Red (78%)
- Green (82%)
- Blue (51%)



- Red (51%)
- Yellow (82%)
- Blue (55%)



- Cyan (5%)
- Magenta (0%)
- Yellow (38%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 210, 141 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 131, 210, 141 by changing the saturation by 10% instead.


 131, 210, 141

 131, 210, 141


255, 255, 255

 105, 182, 115


 185, 255, 185

 80, 156, 91

 213, 255, 213

 56, 130, 68


 242, 255, 242

 31, 104, 42

 4, 80, 16

 0, 57, 12

 0, 36, 16

 0, 12, 12

 0, 0, 0

 131, 210, 141

 131, 210, 141

 110, 210, 123

 152, 210, 159


 89, 210, 104

 173, 210, 178

 68, 210, 86

 194, 210, 196

 47, 210, 68

 211, 210, 215

 26, 210, 49


 213, 210, 236

 5, 210, 31

 216, 210, 255

 0, 210, 27

 219, 210, 255

 221, 210, 255

 224, 210, 255

Harmonies

Analogous

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



190, 238, 127



131, 210, 141



155, 219, 218

Triad

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



131, 210, 141



70, 153, 255



255, 175, 215

Complementary

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



131, 210, 141



141, 131, 210

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.



243, 184, 251



131, 210, 141



132, 180, 255

Square

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



131, 210, 141



60, 144, 231



194, 197, 255



255, 175, 176

Rectangle

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



131, 210, 141



123, 187, 223



194, 197, 255



255, 177, 228

Sweetspot

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



131, 210, 141



227, 255, 231



210, 141, 131



111, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



131, 210, 141



140, 255, 155



131, 210, 180



94, 105, 96



0, 168, 21



0, 41, 5

Inverse Universe

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



141, 131, 210



155, 140, 255



180, 131, 210



95, 94, 105



21, 0, 168



5, 0, 41

Previews

White Background



This preview shows how the RYB color 131, 210, 141 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 131, 210, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

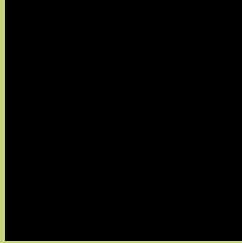
Any Text WCAG AA ✓ Pass

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 131, 210, 141 Background



This preview shows how black text looks on a background with the RYB color 131, 210, 141.



This preview shows how white text looks on a background with the RYB color 131, 210, 141.

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



Original Color
131, 210, 141

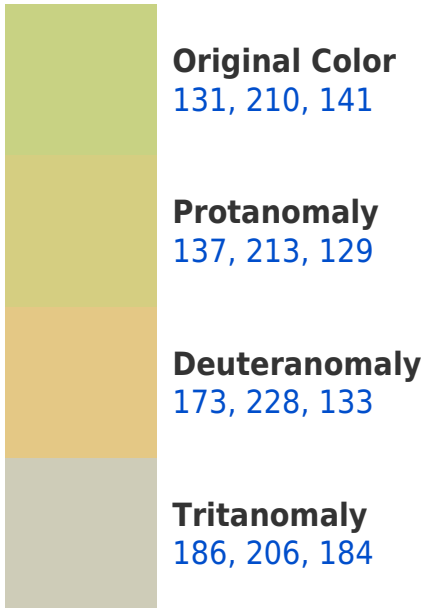
Protanopia
150, 221, 128

Deuteranopia
226, 244, 134



Tritanopia
210, 200, 215

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 210, 141 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(200, 210, 131)` looks like.

```
.text, #text, p{  
    color:rgb(200, 210, 131)  
}
```

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(200, 210, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 210, 131) }
```

Border

The CSS property to change the border of an element to RYB 131, 210, 141 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(200, 210, 131) }
```

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

```
.border{ border-color:rgb(200, 210, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 210, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 210, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 210, 131);  
box-shadow:4px 4px 4px 4px rgb(200, 210,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 131, 210, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 210, 131) }
```

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

```
.background{ background-color: rgb(200,  
210, 131) }
```

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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