

Converting Colors

`RYB(141, 214, 133)`

Have a look what the booklet for
RYB(141, 214, 133) contains.

RYB(141, 214, 133)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(141, 214, 133)

Conversions

Conversions Part 1

Format	Color
Hex	D6CF85
RGB	214, 207, 133
RGB Percent	84%, 81%, 52%
CMY	0.1608, 0.1893, 0.4784
CMYK	0.00, 0.03, 0.38, 0.16
HSL	55°, 50%, 68%
HSV	55°, 38%, 84%
XYZ	54.2100, 60.4793, 31.0068
YIQ	200.6570, 27.9260, -21.5300

Conversions

Conversions Part 2

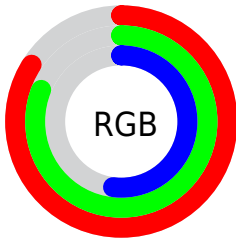
Format	Color
RYB	141, 214, 133
Decimal	14077829
CIELab	82.10, -8.18, 37.55
CIELCh	82, 38.434, 102.295
Yxy	60.4793, 0.3721, 0.4151
Android (android.graphics.Color)	4292267909 (0xFFD6CF85)
YUV	200.6570, -33.3549, 11.7018
Hunter-Lab	77.7684, -11.6677, 30.7986

Details

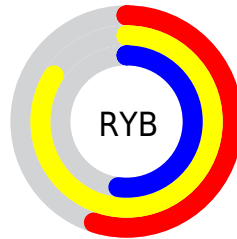
The RYB color **141, 214, 133** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **133, 139, 214**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **187, 255, 187**, and **87, 158, 82** is the 20% darker color. If you saturate the color by 10%, you get **122, 214, 112**, and if you desaturate by 10%, it is **159, 214, 154**.

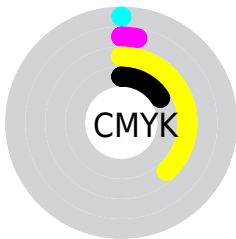
Distribution



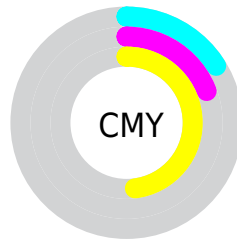
- Red (84%)
- Green (81%)
- Blue (52%)



- Red (55%)
- Yellow (84%)
- Blue (52%)



- Cyan (0%)
- Magenta (3%)
- Yellow (38%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 214, 133 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, 214, 133 by changing the saturation by 10% instead.


 141, 214, 133

 141, 214, 133


255, 255, 255

 115, 186, 107


 187, 255, 187

 87, 158, 82


 215, 255, 215

 62, 131, 58


 244, 255, 244

 37, 105, 34

 8, 79, 7

 1, 56, 0

 0, 34, 3

 0, 13, 13


 0, 0, 0

 141, 214, 133

 141, 214, 133

 122, 214, 112

 159, 214, 154

 102, 214, 90

 179, 214, 176

 83, 214, 69


 199, 214, 197

 63, 214, 47


 214, 214, 219

 45, 214, 26

 214, 216, 240

 26, 214, 5

 214, 218, 255

 21, 214, 0

 214, 219, 255

 214, 221, 255

 214, 222, 255

Harmonies

Analogous

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



234, 247, 136



141, 214, 133



150, 216, 192

Triad

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



141, 214, 133



79, 157, 252



255, 179, 227

Complementary

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



141, 214, 133



133, 139, 214

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.



228, 190, 255



141, 214, 133



121, 176, 255

Square

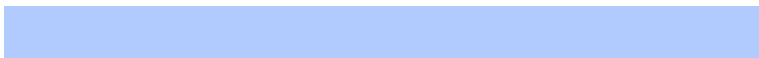
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



141, 214, 133



90, 159, 224



178, 197, 255



255, 177, 190

Rectangle

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



141, 214, 133



145, 202, 221



178, 197, 255



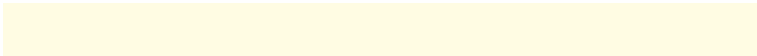
252, 182, 238

Sweetspot

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



141, 214, 133



230, 255, 227



214, 133, 141



113, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



141, 214, 133



151, 255, 140



133, 214, 165



97, 107, 96



18, 171, 0



4, 43, 0

Inverse Universe

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



133, 139, 214



140, 150, 255



165, 133, 214



96, 97, 107



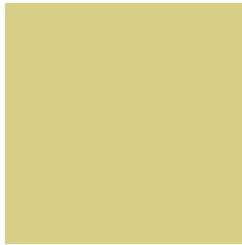
0, 14, 171



0, 4, 43

Previews

White Background



This preview shows how the RYB color 141, 214, 133 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, 214, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

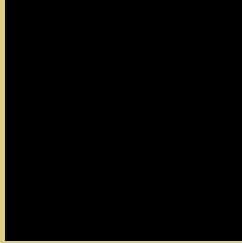
Any Text WCAG AA ✓ Pass

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, 214, 133 Background



This preview shows how black text looks on a background with the RYB color 141, 214, 133.




This preview shows how white text looks on a background with the RYB color 141, 214, 133.

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](#).

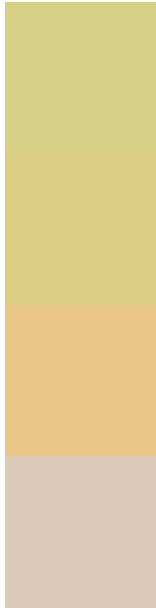
Dichromacy

	Original Color 141, 214, 133
	Protanopia 155, 222, 132
	Deuteranopia 228, 245, 136



Tritanopia
223, 197, 212

Trichromacy



Original Color
141, 214, 133

Protanomaly
149, 219, 132

Deuteranomaly
189, 234, 135

Tritanomaly
220, 218, 183

Monochromacy



Original Color
141, 214, 133

Achromatopsia
200, 200, 200

Achromatomaly
179, 205, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 214, 133 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(214, 207, 133) looks like.

```
.text, #text, p{  
    color:rgb(214, 207, 133)  
}
```

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(214, 207, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 207, 133) }
```

Border

The CSS property to change the border of an element to RYB 141, 214, 133 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(214, 207, 133) }
```

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

```
.border{ border-color:rgb(214, 207, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 207, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 207, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 207, 133);  
box-shadow:4px 4px 4px 4px rgb(214, 207,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 141, 214, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 207, 133) }
```

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

```
.background{ background-color: rgb(214,  
207, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor