

Converting Colors

`RYB(177, 207, 134)`

Have a look what the booklet for
RYB(177, 207, 134) contains.

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Color

R_YB(177, 207, 134)

Conversions

Conversions Part 1

Format	Color
Hex	CFB486
RGB	207, 180, 134
RGB Percent	81%, 71%, 53%
CMY	0.1882, 0.2944, 0.4745
CMYK	0.00, 0.13, 0.35, 0.19
HSL	38°, 43%, 67%
HSV	38°, 35%, 81%
XYZ	46.3443, 47.6048, 29.3003
YIQ	182.8290, 30.8580, -8.5820

Conversions

Conversions Part 2

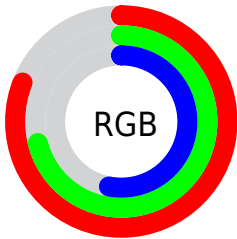
Format	Color
RYB	177, 207, 134
Decimal	13612166
CIELab	74.57, 3.13, 27.04
CIElCh	75, 27.222, 83.395
Yxy	47.6048, 0.3760, 0.3862
Android (android.graphics.Color)	4291802246 (0xFFCFB486)
YUV	182.8290, -24.0727, 21.1980
Hunter-Lab	68.9962, -0.8462, 23.1190

Details

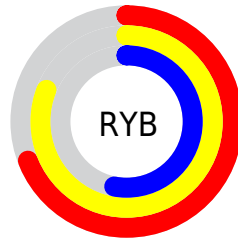
The RYB color **177, 207, 134** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **134, 154, 207**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **215, 255, 188**, and **121, 151, 84** is the 20% darker color. If you saturate the color by 10%, you get **169, 207, 113**, and if you desaturate by 10%, it is **185, 207, 155**.

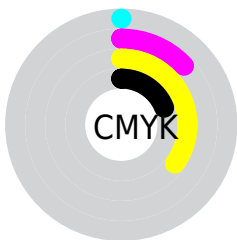
Distribution



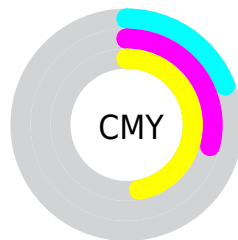
- Red (81%)
- Green (71%)
- Blue (53%)



- Red (69%)
- Yellow (81%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (35%)
- Black (19%)



- Cyan (19%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 207, 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 177, 207, 134 by changing the saturation by 10% instead.

 177, 207, 134

255, 255, 255


 215, 255, 188

 215, 255, 215

 244, 255, 244

 177, 207, 134


 149, 179, 108

 121, 151, 84

 96, 125, 60

 70, 99, 38

 42, 74, 16

 24, 50, 0

 26, 26, 0


 0, 0, 0

 177, 207, 134


 177, 207, 134

 169, 207, 113


 185, 207, 155

 160, 207, 93


 194, 207, 175

 151, 207, 72


 202, 207, 196

 143, 207, 51

 207, 210, 217

 133, 207, 30

 207, 215, 238

 126, 207, 10

 207, 221, 255

 123, 207, 0

 207, 224, 255

 207, 227, 255

 207, 229, 255

Harmonies

Analogous

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



226, 187, 144



177, 207, 134



137, 188, 144

Triad

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



177, 207, 134



110, 155, 202



210, 171, 214

Complementary

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



177, 207, 134



134, 154, 207

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.



180, 179, 229



177, 207, 134



117, 162, 223

Square

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



177, 207, 134



126, 167, 197



145, 173, 233



229, 166, 190

Rectangle

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



177, 207, 134



146, 192, 176



145, 173, 233



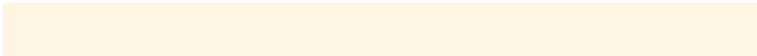
201, 173, 220

Sweetspot

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



177, 207, 134



243, 255, 227



207, 134, 162



123, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



177, 207, 134



212, 255, 148



134, 207, 143



100, 105, 94



98, 168, 0



24, 41, 0

Inverse Universe

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



134, 154, 207



148, 177, 255



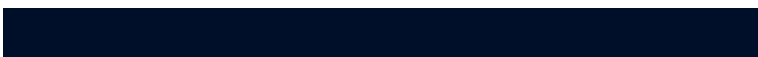
143, 134, 207



94, 97, 105



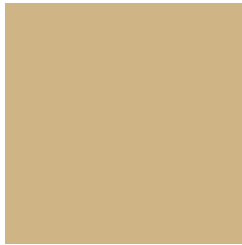
0, 45, 168



0, 11, 41

Previews

White Background



This preview shows how the RYB color 177, 207, 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 177, 207, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

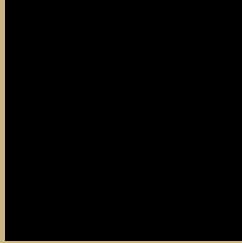
Any Text WCAG AA ✓ Pass

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](#).

RYB 177, 207, 134 Background



This preview shows how black text looks on a background with the RYB color 177, 207, 134.



This preview shows how white text looks on a background with the RYB color 177, 207, 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



Original Color
177, 207, 134

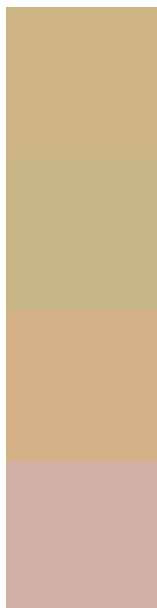
Protanopia
154, 197, 136

Deuteranopia
217, 217, 135



Tritanopia
213, 173, 186

Trichromacy



Original Color

177, 207, 134

Protanomaly

162, 201, 135

Deuteranomaly

202, 213, 135

Tritanomaly

211, 178, 167

Monochromacy



Original Color

177, 207, 134

Achromatopsia

183, 183, 183

Achromatomaly

181, 192, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 207, 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(207, 180, 134)` looks like.

```
.text, #text, p{  
    color:rgb(207, 180, 134)  
}
```

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(207, 180, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 180, 134) }
```

Border

The CSS property to change the border of an element to RYB 177, 207, 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(207, 180, 134) }
```

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

```
.border{ border-color:rgb(207, 180, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 180, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 180, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 180, 134);  
box-shadow:4px 4px 4px 4px rgb(207, 180,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 177, 207, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 180, 134) }
```

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

```
.background{ background-color: rgb(207,  
180, 134) }
```

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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