

Converting Colors

`RYB(197, 223, 134)`

Have a look what the booklet for
RYB(197, 223, 134) contains.

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Color

R_YB(197, 223, 134)

Conversions

Conversions Part 1

Format	Color
Hex	DFBA86
RGB	223, 186, 134
RGB Percent	87%, 73%, 53%
CMY	0.1255, 0.2701, 0.4745
CMYK	0.00, 0.17, 0.40, 0.13
HSL	35°, 58%, 70%
HSV	35°, 40%, 87%
XYZ	52.3170, 52.5742, 29.9447
YIQ	191.1350, 38.7440, -8.3280

Conversions

Conversions Part 2

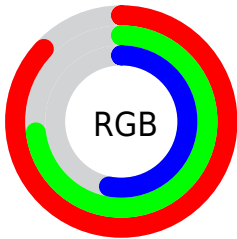
Format	Color
RYB	197, 223, 134
Decimal	14662278
CIELab	77.62, 6.22, 31.36
CIELCh	78, 31.968, 78.779
Yxy	52.5742, 0.3880, 0.3899
Android (android.graphics.Color)	4292852358 (0xFFDFBA86)
YUV	191.1350, -28.1676, 27.9456
Hunter-Lab	72.5080, 1.9047, 26.2698

Details

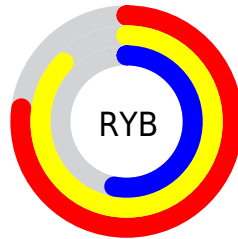
The RYB color **197, 223, 134** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **134, 160, 223**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **204, 255, 188**, and **139, 166, 84** is the 20% darker color. If you saturate the color by 10%, you get **191, 223, 112**, and if you desaturate by 10%, it is **204, 223, 156**.

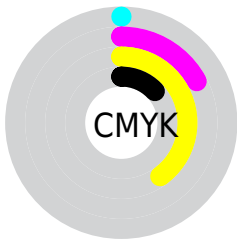
Distribution



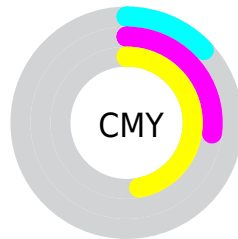
- Red (87%)
- Green (73%)
- Blue (53%)



- Red (77%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (40%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 223, 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 197, 223, 134 by changing the saturation by 10% instead.

 197, 223, 134


255, 255, 255

 204, 255, 188


 216, 255, 216


 244, 255, 244

 197, 223, 134

 167, 194, 108

 139, 166, 84

 111, 139, 60

 82, 112, 37

 52, 86, 14

 37, 62, 0

 35, 37, 0

 0, 0, 0

 197, 223, 134

 197, 223, 134

 191, 223, 112

 204, 223, 156

 182, 223, 89


 209, 223, 179

 178, 223, 67

 216, 223, 201

 172, 223, 45

 223, 223, 223

 163, 223, 22

 223, 229, 245

 157, 223, 0

 223, 235, 255

 223, 238, 255

 223, 239, 255

Harmonies

Analogous

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



244, 188, 148



197, 223, 134



135, 196, 137

Triad

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



197, 223, 134



101, 155, 210



219, 178, 231

Complementary

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



197, 223, 134



134, 160, 223

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.



181, 187, 248



197, 223, 134



104, 161, 235

Square

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



197, 223, 134



126, 176, 208



137, 176, 249



243, 171, 204

Rectangle

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



197, 223, 134



145, 201, 175



137, 176, 249



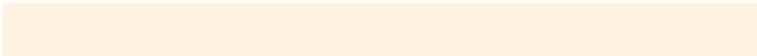
207, 181, 238

Sweetspot

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



197, 223, 134



246, 255, 224



223, 134, 171



124, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



197, 223, 134



221, 255, 133



134, 223, 141



107, 112, 101



125, 176, 0



34, 48, 0

Inverse Universe

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



134, 160, 223



133, 168, 255



141, 134, 223



101, 104, 112



0, 52, 176



0, 14, 48

Previews

White Background



This preview shows how the RYB color 197, 223, 134 looks on a white background.

Color Contrast Check

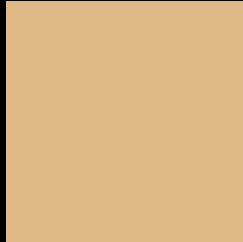
Large Text (above 18pt) WCAG AA × Fail

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 197, 223, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

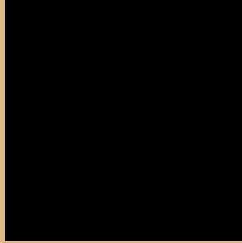
Any Text WCAG AA ✓ Pass

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 197, 223, 134 Background



This preview shows how black text looks on a background with the RYB color 197, 223, 134.



This preview shows how white text looks on a background with the RYB color 197, 223, 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
197, 223, 134

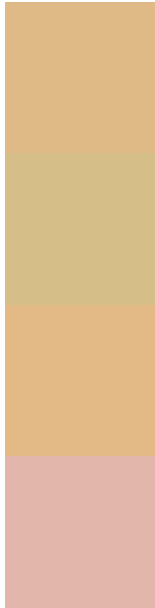
Protanopia
155, 207, 136

Deuteranopia
220, 229, 134



Tritanopia
229, 179, 192

Trichromacy



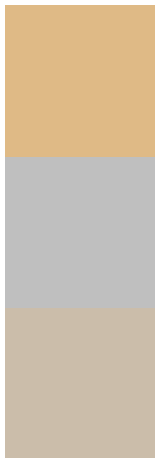
Original Color
197, 223, 134

Protanomaly
168, 213, 135

Deuteranomaly
211, 227, 134

Tritanomaly
227, 185, 171

Monochromacy



Original Color
197, 223, 134

Achromatopsia
191, 191, 191

Achromatomaly
194, 203, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 223, 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(223, 186, 134)` looks like.

```
.text, #text, p{  
    color:rgb(223, 186, 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(223, 186, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 186, 134) }
```

Border

The CSS property to change the border of an element to RYB 197, 223, 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(223, 186, 134) }
```

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

```
.border{ border-color:rgb(223, 186, 134) }
```

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

Here you see how a box with a 4 pixel rgb(223, 186, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 186, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 186, 134);  
box-shadow:4px 4px 4px 4px rgb(223, 186,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 197, 223, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 186, 134) }
```

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

```
.background{ background-color: rgb(223,  
186, 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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