

Converting Colors

`RYB(183, 199, 134)`

Have a look what the booklet for
RYB(183, 199, 134) contains.

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Color

R_YB(183, 199, 134)

Conversions

Conversions Part 1

Format	Color
Hex	C7AB86
RGB	199, 171, 134
RGB Percent	78%, 67%, 53%
CMY	0.2196, 0.3292, 0.4745
CMYK	0.00, 0.14, 0.33, 0.22
HSL	34°, 37%, 65%
HSV	34°, 33%, 78%
XYZ	42.4308, 43.0124, 28.6201
YIQ	175.1540, 28.5650, -5.5710

Conversions

Conversions Part 2

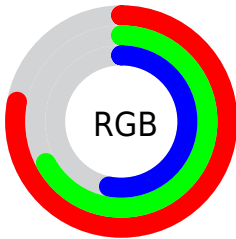
Format	Color
RYB	183, 199, 134
Decimal	13085574
CIELab	71.56, 4.71, 22.86
CIELCh	72, 23.336, 78.362
Yxy	43.0124, 0.3720, 0.3771
Android (android.graphics.Color)	4291275654 (0xFFC7AB86)
YUV	175.1540, -20.2889, 20.9129
Hunter-Lab	65.5838, 0.7125, 20.0351

Details

The RYB color **183, 199, 134** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **134, 154, 199**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **238, 255, 187**, and **127, 144, 84** is the 20% darker color. If you saturate the color by 10%, you get **176, 199, 114**, and if you desaturate by 10%, it is **187, 199, 154**.

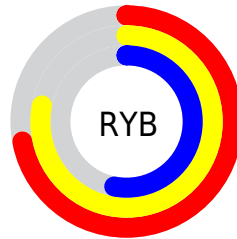
Distribution



Red (78%)

Green (67%)

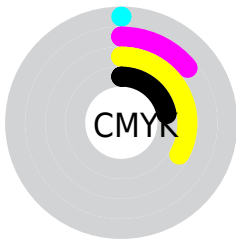
Blue (53%)



Red (72%)

Yellow (78%)

Blue (53%)

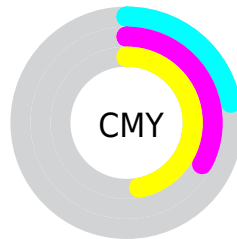


Cyan (0%)

Magenta (14%)

Yellow (33%)

Black (22%)



Cyan (22%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the RYB color 183, 199, 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 183, 199, 134 by changing the saturation by 10% instead.

 183, 199, 134

 183, 199, 134

255, 255, 255

 154, 171, 109

 238, 255, 187

 127, 144, 84

 215, 255, 215

 102, 118, 61

 244, 255, 244

 72, 92, 38


 48, 67, 17

 30, 45, 0

 19, 2, 0


 0, 0, 0

 183, 199, 134


 183, 199, 134

 176, 199, 114


 187, 199, 154

 173, 199, 94


 194, 199, 174

 169, 199, 74


 197, 199, 194

 162, 199, 54

 199, 203, 214

 160, 199, 35

 199, 210, 234

 153, 199, 15

 199, 215, 253

 151, 199, 0

 199, 219, 255

 199, 222, 255

 199, 225, 255

Harmonies

Analogous

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



214, 172, 144



183, 199, 134



135, 178, 135

Triad

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



183, 199, 134



116, 152, 188



195, 166, 204

Complementary

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



183, 199, 134



134, 154, 199

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.



168, 173, 215



183, 199, 134



119, 157, 206

Square

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



183, 199, 134



130, 165, 187



139, 166, 216



213, 161, 184

Rectangle

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



183, 199, 134



142, 182, 163



139, 166, 216



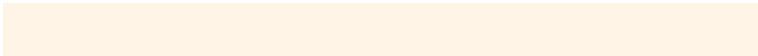
186, 168, 209

Sweetspot

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



183, 199, 134



250, 255, 230



199, 134, 162



124, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



183, 199, 134



232, 255, 156



134, 199, 138



97, 99, 90



123, 163, 0



29, 36, 0

Inverse Universe

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



134, 154, 199



156, 185, 255



138, 134, 199



90, 93, 99



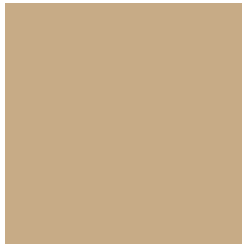
0, 49, 163



0, 11, 36

Previews

White Background



This preview shows how the RYB color 183, 199, 134 looks on a white background.

Color Contrast Check

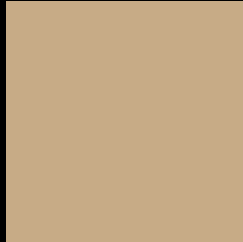
Large Text (above 18pt) WCAG AA × Fail

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 183, 199, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

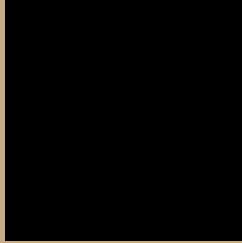
Any Text WCAG AA ✓ Pass

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 183, 199, 134 Background



This preview shows how black text looks on a background with the RYB color 183, 199, 134.



This preview shows how white text looks on a background with the RYB color 183, 199, 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
183, 199, 134

Protanopia
152, 187, 136

Deuteranopia
206, 197, 135



Tritanopia

204, 165, 178

Trichromacy



Original Color

183, 199, 134

Protanomaly

159, 191, 135

Deuteranomaly

203, 203, 135

Tritanomaly

202, 168, 162

Monochromacy



Original Color

183, 199, 134

Achromatopsia

175, 175, 175

Achromatomaly

177, 184, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 199, 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(199, 171, 134)` looks like.

```
.text, #text, p{  
    color:rgb(199, 171, 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(199, 171, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 171, 134) }
```

Border

The CSS property to change the border of an element to RYB 183, 199, 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(199, 171, 134) }
```

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

```
.border{ border-color:rgb(199, 171, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 171, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 171, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 171, 134);  
box-shadow:4px 4px 4px 4px rgb(199, 171,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 183, 199, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 171, 134) }
```

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

```
.background{ background-color: rgb(199,  
171, 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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