

Converting Colors

`RYB(194, 200, 133)`

Have a look what the booklet for
RYB(194, 200, 133) contains.

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Color

R_YB(194, 200, 133)

Conversions

Conversions Part 1

Format	Color
Hex	C8A885
RGB	200, 168, 133
RGB Percent	78%, 66%, 52%
CMY	0.2157, 0.3409, 0.4784
CMYK	0.00, 0.16, 0.33, 0.22
HSL	31°, 38%, 65%
HSV	31°, 34%, 78%
XYZ	42.0687, 42.0040, 28.0806
YIQ	173.5780, 30.3070, -4.1010

Conversions

Conversions Part 2

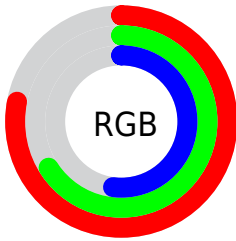
Format	Color
RYB	194, 200, 133
Decimal	13150341
CIELab	70.87, 6.59, 22.48
CIElCh	71, 23.423, 73.660
Yxy	42.0040, 0.3751, 0.3745
Android (android.graphics.Color)	4291340421 (0xFFC8A885)
YUV	173.5780, -20.0050, 23.1721
Hunter-Lab	64.8105, 2.4464, 19.6786

Details

The RYB color **194, 200, 133** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **133, 155, 200**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **246, 255, 186**, and **137, 145, 83** is the 20% darker color. If you saturate the color by 10%, you get **191, 200, 113**, and if you desaturate by 10%, it is **194, 200, 153**.

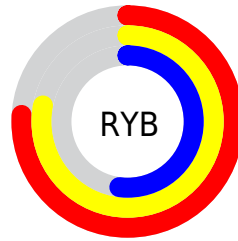
Distribution



Red (78%)

Green (66%)

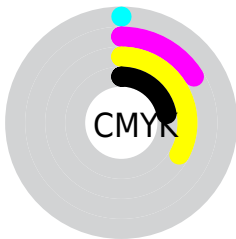
Blue (52%)



Red (76%)

Yellow (78%)

Blue (52%)

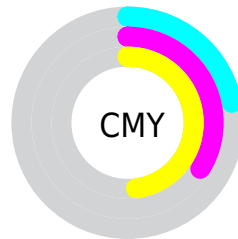


Cyan (0%)

Magenta (16%)

Yellow (33%)

Black (22%)



Cyan (22%)

Magenta (34%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 194, 200, 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 194, 200, 133 by changing the saturation by 10% instead.

 194, 200, 133


255, 255, 255

 246, 255, 186

 217, 255, 214

 243, 255, 243

 194, 200, 133

 164, 172, 108

 137, 145, 83

 107, 118, 60

 84, 93, 38

 54, 68, 16

 36, 45, 0

 19, 0, 0


 0, 0, 0

 194, 200, 133

 194, 200, 133

 191, 200, 113

 194, 200, 153

 190, 200, 93

 198, 200, 173

 190, 200, 73


 198, 200, 193

 187, 200, 53


 200, 204, 213

 187, 200, 33

 200, 211, 233

 183, 200, 13

 200, 217, 253

 181, 200, 0

 200, 221, 255

 200, 224, 255

 200, 227, 255

Harmonies

Analogous

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



214, 168, 145



194, 200, 133



136, 179, 132

Triad

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



194, 200, 133



115, 151, 186



189, 165, 204

Complementary

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



194, 200, 133



133, 155, 200

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.



161, 170, 215



194, 200, 133



115, 153, 202

Square

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



194, 200, 133



132, 166, 185



133, 162, 214



209, 159, 186

Rectangle

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



194, 200, 133



138, 179, 154



133, 162, 214



180, 167, 209

Sweetspot

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



194, 200, 133



253, 255, 230



200, 133, 165



128, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



194, 200, 133



247, 255, 153



133, 200, 134



97, 99, 90



150, 163, 0



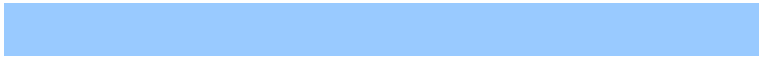
32, 36, 0

Inverse Universe

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



133, 155, 200



153, 186, 255



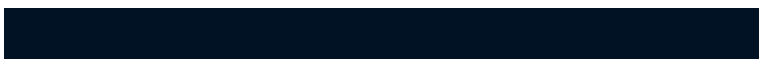
134, 133, 200



90, 93, 99



0, 53, 163



0, 12, 36

Previews

White Background



This preview shows how the RYB color 194, 200, 133 looks on a white background.

Color Contrast Check

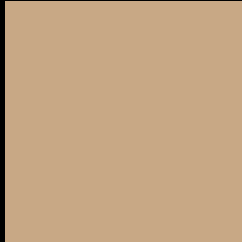
Large Text (above 18pt) WCAG AA × Fail

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 194, 200, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

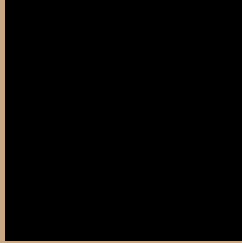
Any Text WCAG AA ✓ Pass

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 194, 200, 133 Background



This preview shows how black text looks on a background with the RYB color 194, 200, 133.



This preview shows how white text looks on a background with the RYB color 194, 200, 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
194, 200, 133

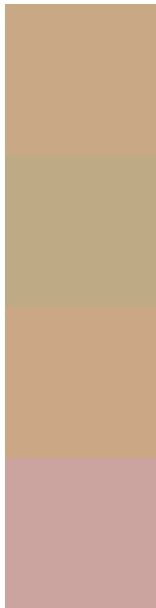
Protanopia
151, 185, 135

Deuteranopia
204, 198, 133



Tritanopia
205, 162, 175

Trichromacy



Original Color
194, 200, 133

Protanomaly
163, 190, 134

Deuteranomaly
203, 199, 133

Tritanomaly
203, 164, 160

Monochromacy



Original Color
194, 200, 133

Achromatopsia
174, 174, 174

Achromatomaly
179, 183, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 200, 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(200, 168, 133) looks like.

```
.text, #text, p{  
    color:rgb(200, 168, 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(200, 168, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 168, 133) }
```

Border

The CSS property to change the border of an element to RYB 194, 200, 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(200, 168, 133) }
```

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

```
.border{ border-color:rgb(200, 168, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 168, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 168, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 168, 133);  
box-shadow:4px 4px 4px 4px rgb(200, 168,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 194, 200, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 168, 133) }
```

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

```
.background{ background-color: rgb(200,  
168, 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](#).

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