

Converting Colors

`RYB(198, 200, 181)`

Have a look what the booklet for
RYB(198, 200, 181) contains.

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Color

R_YB(198, 200, 181)

Conversions

Conversions Part 1

Format	Color
Hex	C8BFB5
RGB	200, 191, 181
RGB Percent	78%, 75%, 71%
CMY	0.2157, 0.2509, 0.2902
CMYK	0.00, 0.04, 0.09, 0.22
HSL	32°, 15%, 75%
HSV	32°, 9%, 78%
XYZ	50.7968, 52.8893, 51.2474
YIQ	192.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

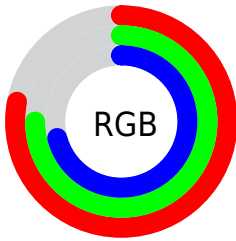
Format	Color
RYB	198, 200, 181
Decimal	13156277
CIELab	77.81, 1.41, 6.17
CIELCh	78, 6.326, 77.138
Yxy	52.8893, 0.3279, 0.3414
Android (android.graphics.Color)	4291346357 (0xFFC8BFB5)
YUV	192.5510, -5.6946, 6.5328
Hunter-Lab	72.7250, -2.5906, 9.1274

Details

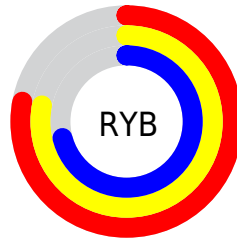
The RYB color **198, 200, 181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **181, 187, 200**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **251, 255, 237**, and **142, 146, 128** is the 20% darker color. If you saturate the color by 10%, you get **194, 200, 161**, and if you desaturate by 10%, it is **200, 200, 201**.

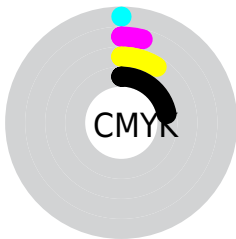
Distribution



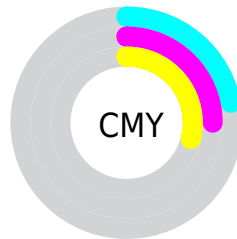
- Red (78%)
- Green (75%)
- Blue (71%)



- Red (78%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 200, 181 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 198, 200, 181 by changing the saturation by 10% instead.

■ 198, 200, 181

255, 255, 255

■ 251, 255, 237

■ 198, 200, 181

■ 171, 173, 154

■ 142, 146, 128

■ 118, 120, 103

■ 91, 95, 79

■ 68, 72, 56

■ 46, 49, 35

■ 23, 28, 13

■ 0, 0, 0

■ 198, 200, 181

■ 198, 200, 181

 194, 200, 161

 200, 200, 201

 194, 200, 141

 200, 207, 221

 191, 200, 121

 200, 213, 241

 190, 200, 101

 200, 219, 255

 187, 200, 81


 200, 222, 255

 187, 200, 61

 200, 226, 255

 183, 200, 41

 200, 228, 255

 183, 200, 21

 179, 200, 1

Harmonies

Analogous

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



204, 191, 184



198, 200, 181



182, 194, 181

Triad

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



198, 200, 181



178, 187, 196



198, 190, 200

Complementary

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



198, 200, 181



181, 187, 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.



191, 192, 203



198, 200, 181



179, 188, 201

Square

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



198, 200, 181



181, 191, 196



184, 191, 204



203, 189, 195

Rectangle

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



198, 200, 181



183, 194, 188



184, 191, 204



195, 190, 202

Sweetspot

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



198, 200, 181



255, 255, 247



200, 181, 190



128, 128, 122



0, 0, 0



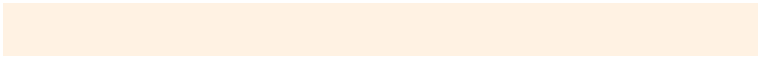
128, 128, 128

Same Dimension

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



198, 200, 181



251, 255, 227



181, 200, 181



97, 99, 90



146, 163, 0



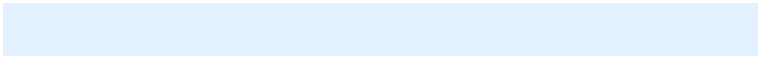
32, 36, 0

Inverse Universe

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



181, 187, 200



227, 236, 255



181, 181, 200



90, 93, 99



0, 52, 163



0, 12, 36

Previews

White Background



This preview shows how the RYB color 198, 200, 181 looks on a white background.

Color Contrast Check

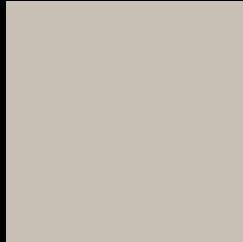
Large Text (above 18pt) WCAG AA × Fail

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 198, 200, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

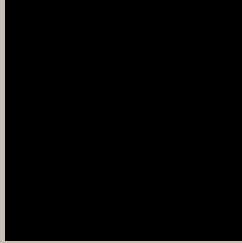
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

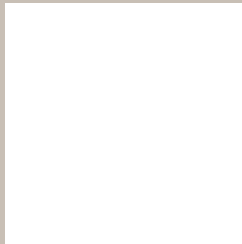
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 198, 200, 181 Background



This preview shows how black text looks on a background with the RYB color 198, 200, 181.

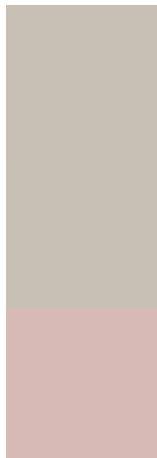


This preview shows how white text looks on a background with the RYB color 198, 200, 181.

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
198, 200, 181

Protanopia
190, 198, 181

Deuteranopia
215, 187, 182



Tritanopia
203, 188, 203

Trichromacy



Original Color

198, 200, 181

Protanomaly

192, 199, 181

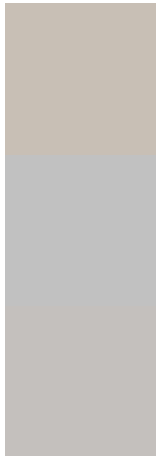
Deuteranomaly

210, 190, 182

Tritanomaly

202, 189, 195

Monochromacy



Original Color

198, 200, 181

Achromatopsia

193, 193, 193

Achromatomaly

196, 194, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 200, 181 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, 191, 181) looks like.

```
.text, #text, p{  
    color:rgb(200, 191, 181)  
}
```

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, 191, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 191, 181) }
```

Border

The CSS property to change the border of an element to RYB 198, 200, 181 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, 191, 181) }
```

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

```
.border{ border-color:rgb(200, 191, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 191, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 191, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 191, 181);  
box-shadow:4px 4px 4px 4px rgb(200, 191,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 198, 200, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 191, 181) }
```

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

```
.background{ background-color: rgb(200,  
191, 181) }
```

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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