

Converting Colors

`RYB(200, 198, 181)`

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

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Color

$\text{RYB}(200, 198, 181)$

Conversions

Conversions Part 1

Format	Color
Hex	C8BEB5
RGB	200, 190, 181
RGB Percent	78%, 75%, 71%
CMY	0.2157, 0.2550, 0.2902
CMYK	0.00, 0.05, 0.09, 0.22
HSL	28°, 15%, 75%
HSV	28°, 9%, 78%
XYZ	50.5673, 52.4304, 51.1710
YIQ	191.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

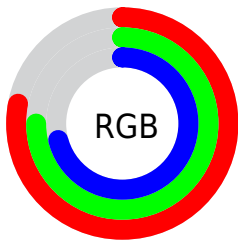
Format	Color
R_{YB}	200, 198, 181
Decimal	13156021
CIE Lab	77.54, 1.97, 5.78
CIE LCh	78, 6.103, 71.174
Yxy	52.4304, 0.3280, 0.3401
Android (android.graphics.Color)	4291346101 (0xFFC8BEB5)
YUV	191.9640, -5.4053, 7.0476
Hunter-Lab	72.4089, -2.0585, 8.7863

Details

The RYB color **200, 198, 181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **181, 188, 200**, and the grayscale version is **192, 192, 192**.

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

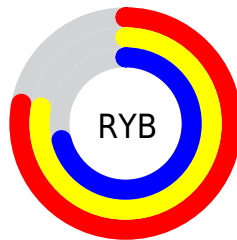
Distribution



Red (78%)

Green (75%)

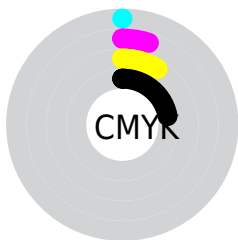
Blue (71%)



Red (78%)

Yellow (78%)

Blue (71%)

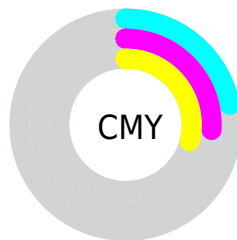


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients

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

■ 200, 198, 181

255, 255, 255

■ 255, 255, 237

■ 200, 198, 181

■ 173, 171, 154

■ 146, 146, 128

■ 120, 118, 103

■ 95, 95, 79

■ 72, 72, 56

■ 49, 49, 35

■ 26, 28, 13


■ 0, 0, 0

■ 200, 198, 181


■ 200, 198, 181

 200, 194, 161


 200, 201, 201

 200, 194, 141


 200, 207, 221

 200, 191, 121


 200, 214, 241

 200, 190, 101


 200, 220, 255

 200, 187, 81


 200, 224, 255


 200, 187, 61

 200, 227, 255

 200, 183, 41

 200, 228, 255

 200, 183, 21

 200, 179, 1

Harmonies

Analogous

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



204, 191, 184



200, 198, 181



182, 194, 180

Triad

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



200, 198, 181



178, 187, 195



195, 189, 200

Complementary

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



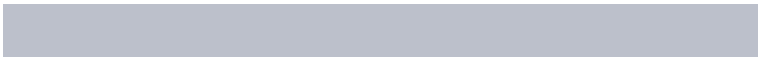
200, 198, 181



181, 188, 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.



188, 191, 203



200, 198, 181



178, 187, 199

Square

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



200, 198, 181



182, 191, 195



182, 189, 202



201, 188, 195

Rectangle

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



200, 198, 181



182, 193, 185



182, 189, 202



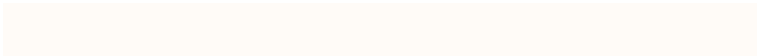
193, 190, 201

Sweetspot

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



200, 198, 181



255, 255, 247



200, 181, 191



128, 128, 122



0, 0, 0



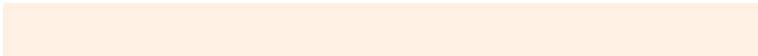
128, 128, 128

Same Dimension

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



200, 198, 181



255, 251, 227



182, 200, 181



99, 97, 90



163, 146, 0



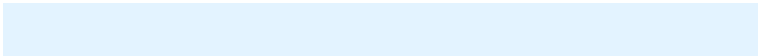
36, 32, 0

Inverse Universe

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



181, 188, 200



227, 237, 255



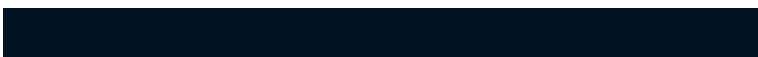
181, 182, 200



90, 93, 99



0, 56, 163



0, 12, 36

Previews

White Background



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

Color Contrast Check

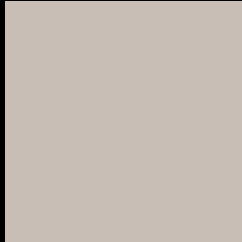
Large Text (above 18pt) WCAG AA × Fail

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 200, 198, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

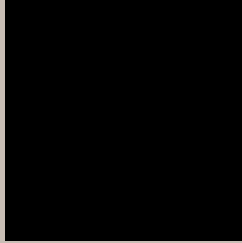
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

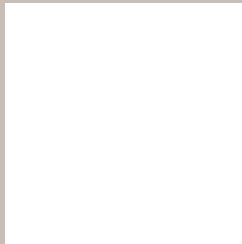
Any Text WCAG AAA ✓ Pass

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

RYB 200, 198, 181 Background



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

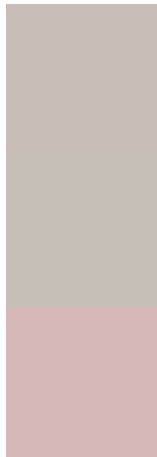


This preview shows how white text looks on a background with the RYB color 200, 198, 181.

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
200, 198, 181

Protanopia
191, 197, 181

Deuteranopia
214, 185, 182



Tritanopia
203, 187, 202

Trichromacy



Original Color

200, 198, 181

Protanomaly

193, 198, 181

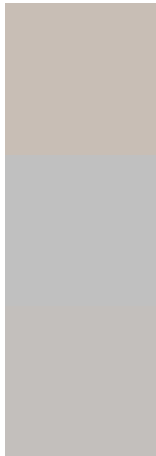
Deuteranomaly

209, 188, 182

Tritanomaly

202, 188, 194

Monochromacy



Original Color

200, 198, 181

Achromatopsia

192, 192, 192

Achromatomaly

195, 193, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 198, 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, 190, 181) looks like.

```
.text, #text, p{  
    color:rgb(200, 190, 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, 190, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 190, 181) }
```

Border

The CSS property to change the border of an element to RYB 200, 198, 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, 190, 181) }
```

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

```
.border{ border-color:rgb(200, 190, 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, 190, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 190, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 190, 181);  
box-shadow:4px 4px 4px 4px rgb(200, 190,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 200, 190, 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, 190, 181) }
```

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

```
.background{ background-color: rgb(200,  
190, 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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