

Converting Colors

`RYB(188, 198, 181)`

Have a look what the booklet for
RYB(188, 198, 181) contains.

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Color

R_YB(188, 198, 181)

Conversions

Conversions Part 1

Format	Color
Hex	C6C1B5
RGB	198, 193, 181
RGB Percent	78%, 76%, 71%
CMY	0.2235, 0.2430, 0.2902
CMYK	0.00, 0.03, 0.09, 0.22
HSL	42°, 13%, 74%
HSV	42°, 9%, 78%
XYZ	50.7084, 53.5003, 51.3700
YIQ	193.1270, 6.8320, -2.6720

Conversions

Conversions Part 2

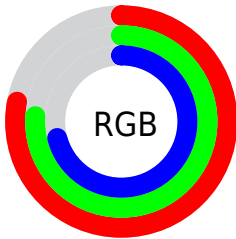
Format	Color
RYB	188, 198, 181
Decimal	13025717
CIELab	78.17, -0.38, 6.66
CIELCh	78, 6.675, 93.250
Yxy	53.5003, 0.3259, 0.3439
Android (android.graphics.Color)	4291215797 (0xFFC6C1B5)
YUV	193.1270, -5.9786, 4.2736
Hunter-Lab	73.1439, -4.2534, 9.5605

Details

The RYB color **188, 198, 181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **181, 185, 198**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **246, 255, 237**, and **133, 144, 128** is the 20% darker color. If you saturate the color by 10%, you get **177, 198, 161**, and if you desaturate by 10%, it is **198, 199, 201**.

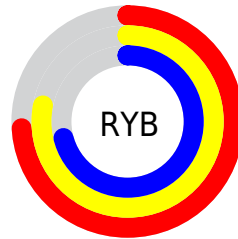
Distribution



Red (78%)

Green (76%)

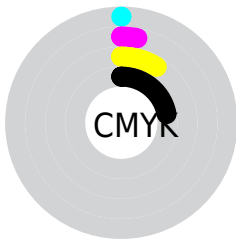
Blue (71%)



Red (74%)

Yellow (78%)

Blue (71%)

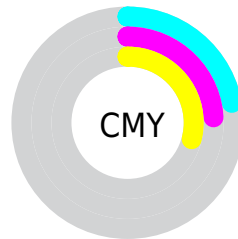


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 188, 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 188, 198, 181 by changing the saturation by 10% instead.

 188, 198, 181

255, 255, 255

 246, 255, 237

 188, 198, 181


 161, 171, 154

 133, 144, 128

 108, 118, 103

 84, 94, 79


 62, 70, 56

 41, 48, 35

 17, 27, 13

 0, 0, 0

 188, 198, 181

 188, 198, 181

■ 177, 198, 161

■ 198, 199, 201

■ 165, 198, 141

■ 198, 203, 221

■ 153, 198, 122

■ 198, 207, 240

■ 142, 198, 102

■ 198, 212, 255

■ 130, 198, 82

■ 198, 215, 255

■ 119, 198, 62

■ 198, 218, 255

■ 105, 198, 42

■ 198, 220, 255

■ 95, 198, 23

■ 198, 222, 255

■ 84, 198, 3

■ 198, 224, 255

Harmonies

Analogous

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



204, 197, 182



188, 198, 181



183, 195, 187

Triad

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



188, 198, 181



178, 188, 200



202, 190, 199

Complementary

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



188, 198, 181



181, 185, 198

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.



196, 192, 204



188, 198, 181



182, 190, 204

Square

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



188, 198, 181



179, 189, 197



188, 193, 206



206, 189, 193

Rectangle

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



188, 198, 181



186, 196, 196



188, 193, 206



200, 190, 201

Sweetspot

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



188, 198, 181



250, 255, 247



198, 181, 186



125, 128, 122



0, 0, 0



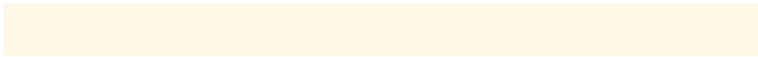
128, 128, 128

Same Dimension

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



188, 198, 181



240, 255, 230



181, 198, 184



93, 99, 90



66, 163, 0



16, 36, 0

Inverse Universe

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



181, 185, 198



230, 235, 255



184, 181, 198



90, 92, 99



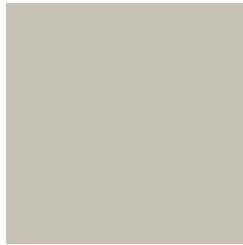
0, 37, 163



0, 8, 36

Previews

White Background



This preview shows how the RYB color 188, 198, 181 looks on a white background.

Color Contrast Check

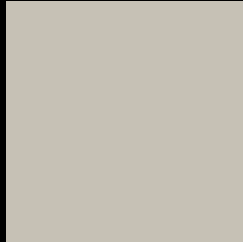
Large Text (above 18pt) WCAG AA × Fail

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 188, 198, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

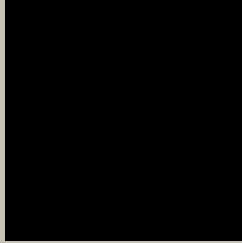
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

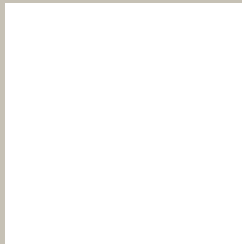
Any Text WCAG AAA ✓ Pass

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

RYB 188, 198, 181 Background



This preview shows how black text looks on a background with the RYB color 188, 198, 181.

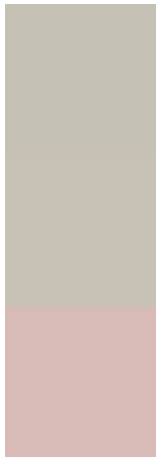


This preview shows how white text looks on a background with the RYB color 188, 198, 181.

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
188, 198, 181

Protanopia
192, 200, 181

Deuteranopia
216, 188, 182



Tritanopia
201, 190, 204

Trichromacy



Original Color

188, 198, 181

Protanomaly

190, 199, 181

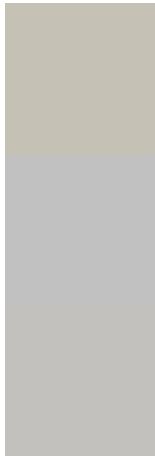
Deuteranomaly

209, 191, 182

Tritanomaly

200, 191, 196

Monochromacy



Original Color

188, 198, 181

Achromatopsia

193, 193, 193

Achromatomaly

192, 195, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 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(198, 193, 181) looks like.

```
.text, #text, p{  
    color:rgb(198, 193, 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(198, 193, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 193, 181) }
```

Border

The CSS property to change the border of an element to RYB 188, 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(198, 193, 181) }
```

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

```
.border{ border-color:rgb(198, 193, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 193, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 193, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 193, 181);  
box-shadow:4px 4px 4px 4px rgb(198, 193,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 188, 198, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 193, 181) }
```

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

```
.background{ background-color: rgb(198,  
193, 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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