

Converting Colors

`RYB(196, 189, 185)`

Have a look what the booklet for RYB(196, 189, 185) contains.

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Color

R_YB(196, 189, 185)

Conversions

Conversions Part 1

Format	Color
Hex	C4BCB9
RGB	196, 188, 185
RGB Percent	77%, 74%, 73%
CMY	0.2314, 0.2630, 0.2745
CMYK	0.00, 0.04, 0.06, 0.23
HSL	16°, 9%, 75%
HSV	16°, 6%, 77%
XYZ	49.4909, 51.1765, 53.1685
YIQ	190.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

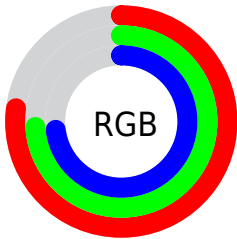
Format	Color
R _Y B	196, 189, 185
Decimal	12893369
CIE Lab	76.79, 2.31, 2.48
CIE LCh	77, 3.394, 47.013
Yxy	51.1765, 0.3217, 0.3327
Android (android.graphics.Color)	4291083449 (0xFFC4BCB9)
YUV	190.0500, -2.4896, 5.2182
Hunter-Lab	71.5378, -1.7021, 6.0107

Details

The RYB color **196, 189, 185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **185, 190, 196**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **253, 245, 241**, and **142, 136, 132** is the 20% darker color. If you saturate the color by 10%, you get **196, 178, 165**, and if you desaturate by 10%, it is **196, 200, 205**.

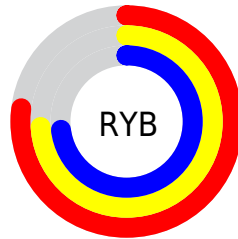
Distribution



Red (77%)

Green (74%)

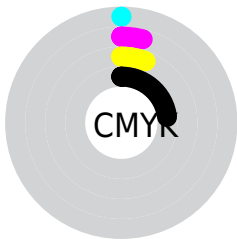
Blue (73%)



Red (77%)

Yellow (74%)

Blue (73%)

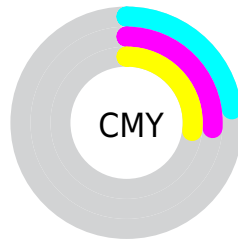


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 189, 185 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 196, 189, 185 by changing the saturation by 10% instead.

■ 196, 189, 185

255, 255, 255

■ 253, 245, 241

■ 196, 189, 185

■ 169, 162, 158

■ 142, 136, 132

■ 117, 110, 107

■ 92, 86, 83

■ 69, 63, 60

■ 46, 41, 38

■ 26, 22, 17

■ 0, 0, 0

■ 196, 189, 185

■ 196, 189, 185

196, 178, 165

196, 200, 205

196, 164, 146

196, 208, 224

196, 152, 126

196, 216, 244

196, 138, 107

196, 223, 255

196, 127, 87

196, 226, 255

196, 115, 67

196, 101, 48

196, 89, 28

196, 77, 9

Harmonies

Analogous

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



197, 187, 188



196, 189, 185



192, 194, 183

Triad

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



196, 189, 185



184, 188, 191



189, 189, 195

Complementary

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



196, 189, 185



185, 190, 196

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.



185, 188, 195



196, 189, 185



182, 187, 191

Square

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



196, 189, 185



185, 191, 189



183, 188, 194



192, 188, 194

Rectangle

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



196, 189, 185



188, 192, 183



183, 188, 194



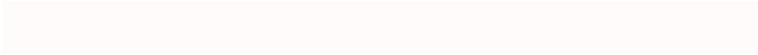
187, 189, 196

Sweetspot

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



196, 189, 185



255, 251, 250



196, 185, 193



128, 127, 125



0, 0, 0



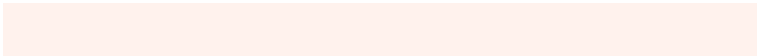
128, 128, 128

Same Dimension

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



196, 189, 185



255, 244, 237



189, 196, 185



97, 92, 89



161, 59, 0



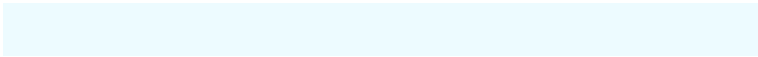
33, 12, 0

Inverse Universe

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



185, 190, 196



237, 245, 255



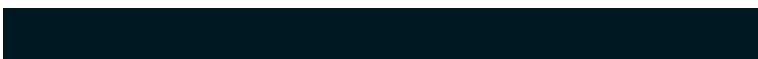
185, 187, 196



89, 92, 97



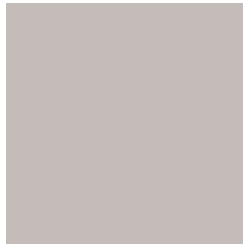
0, 68, 161



0, 14, 33

Previews

White Background



This preview shows how the RYB color 196, 189, 185 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 196, 189, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

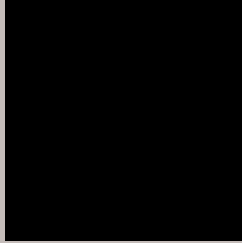
Any Text WCAG AA ✓ Pass

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 196, 189, 185 Background



This preview shows how black text looks on a background with the RYB color 196, 189, 185.

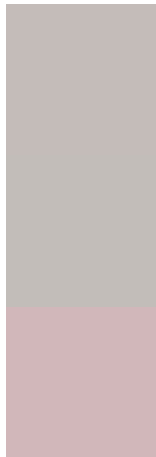


This preview shows how white text looks on a background with the RYB color 196, 189, 185.

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
196, 189, 185

Protanopia
194, 192, 185

Deuteranopia
209, 183, 186



Tritanopia
198, 186, 200

Trichromacy



Original Color

196, 189, 185

Protanomaly

195, 192, 185

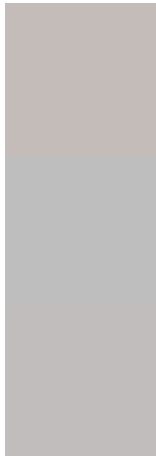
Deuteranomaly

204, 185, 186

Tritanomaly

197, 187, 195

Monochromacy



Original Color

196, 189, 185

Achromatopsia

190, 190, 190

Achromatomaly

192, 189, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 189, 185 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(196, 188, 185) looks like.

```
.text, #text, p{  
    color:rgb(196, 188, 185)  
}
```

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(196, 188, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 188, 185) }
```

Border

The CSS property to change the border of an element to RYB 196, 189, 185 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(196, 188, 185) }
```

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

```
.border{ border-color:rgb(196, 188, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 188, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 188, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 188, 185);  
box-shadow:4px 4px 4px 4px rgb(196, 188,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 196, 189, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 188, 185) }
```

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

```
.background{ background-color: rgb(196,  
188, 185) }
```

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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