

Converting Colors

RGB(202, 199, 193)

Have a look what the booklet for
RGB(202, 199, 193) contains.

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Color

RGB(202, 199, 193)

Conversions

Conversions Part 1

Format	Color
Hex	CAC7C1
RGB	202, 199, 193
RGB Percent	79%, 78%, 76%
CMY	0.2078, 0.2196, 0.2431
CMYK	0.00, 0.01, 0.04, 0.21
HSL	40°, 8%, 77%
HSV	40°, 4%, 79%
XYZ	54.4062, 57.2537, 58.6356
YIQ	199.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

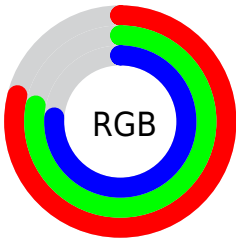
Format	Color
RYB	198, 202, 193
Decimal	13289409
CIELab	80.32, -0.03, 3.36
CIElCh	80, 3.357, 90.508
Yxy	57.2537, 0.3195, 0.3362
Android (android.graphics.Color)	4291479489 (0xFFCAC7C1)
YUV	199.2130, -3.0630, 2.4442
Hunter-Lab	75.6661, -4.0690, 7.0210

Details

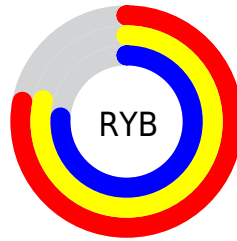
The RGB color **202, 199, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 196, 202**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 255, 249**, and **148, 145, 140** is the 20% darker color. If you saturate the color by 10%, you get **202, 192, 173**, and if you desaturate by 10%, it is **202, 206, 213**.

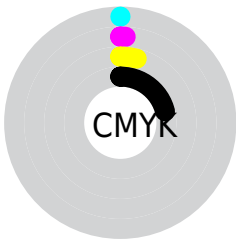
Distribution



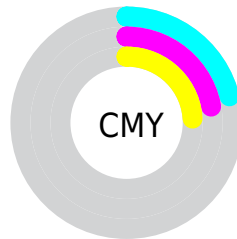
- Red (79%)
- Green (78%)
- Blue (76%)



- Red (78%)
- Yellow (79%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 199, 193 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 RGB color 202, 199, 193 by changing the saturation by 10% instead.

■ 202, 199, 193

255, 255, 255

■ 255, 255, 249

■ 202, 199, 193

■ 175, 172, 166

■ 148, 145, 140

■ 122, 120, 114

■ 97, 95, 90

■ 74, 71, 66

■ 51, 49, 44

■ 30, 28, 24

■ 2, 1, 0


■ 0, 0, 0

 202, 199, 193


 202, 199, 193

 202, 192, 173


 202, 206, 213

 202, 186, 153


 202, 212, 233

 202, 179, 132


 202, 219, 254

 202, 172, 112


 202, 226, 255

 202, 165, 92


 202, 233, 255

 202, 159, 72


 202, 239, 255

 202, 152, 52

 202, 246, 255

 202, 145, 31

 202, 253, 255

 202, 138, 11

 202, 255, 255

Harmonies

Analogous

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



205, 198, 194



202, 199, 193



198, 200, 194

Triad

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



202, 199, 193



192, 201, 202



204, 198, 202

Complementary

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



202, 199, 193



193, 196, 202

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.



200, 198, 205



202, 199, 193



193, 200, 205

Square

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



202, 199, 193



192, 201, 199



196, 199, 205



206, 197, 199

Rectangle

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



202, 199, 193



196, 201, 195



196, 199, 205



202, 198, 203

Sweetspot

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



202, 199, 193



255, 254, 252



202, 193, 196



128, 127, 126



0, 0, 0



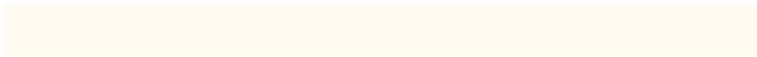
128, 128, 128

Same Dimension

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



202, 199, 193



255, 251, 242



201, 202, 193



102, 100, 96



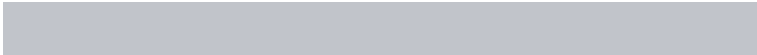
166, 111, 0



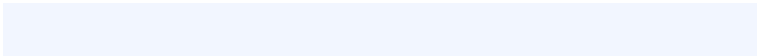
38, 26, 0

Inverse Universe

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



193, 196, 202



242, 246, 255



195, 193, 202



96, 98, 102



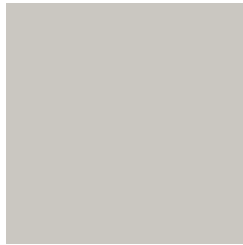
0, 55, 166



0, 13, 38

Previews

White Background



This preview shows how the RGB color 202, 199, 193 looks on a white background.

Color Contrast Check

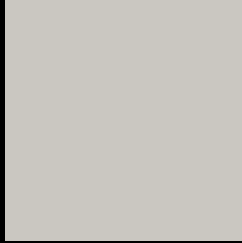
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 202, 199, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

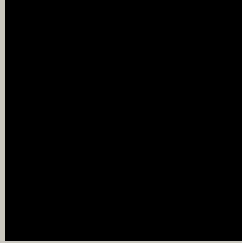
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

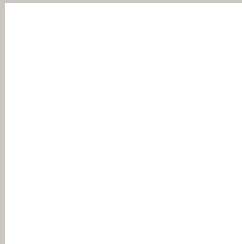
Any Text WCAG AAA ✓ Pass

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

RGB 202, 199, 193 Background



This preview shows how black text looks on a background with the RGB color 202, 199, 193.

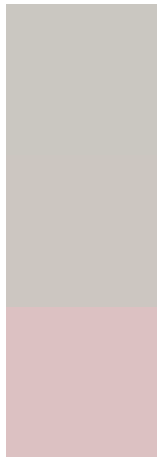


This preview shows how white text looks on a background with the RGB color 202, 199, 193.

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
202, 199, 193

Protanopia
204, 198, 193

Deuteranopia
220, 193, 194



Tritanopia
205, 196, 212

Trichromacy



Original Color

202, 199, 193

Protanomaly

203, 198, 193

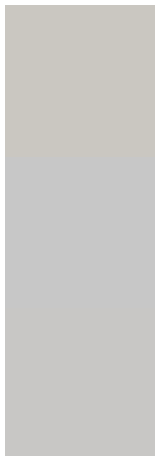
Deuteranomaly

213, 195, 194

Tritanomaly

204, 197, 205

Monochromacy



Original Color

202, 199, 193

Achromatopsia

199, 199, 199

Achromatomaly

200, 199, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 199, 193 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(202, 199, 193) looks like.

```
.text, #text, p{  
    color:rgb(202, 199, 193)  
}
```

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(202, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 199, 193) }
```

Border

The CSS property to change the border of an element to RGB 202, 199, 193 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(202, 199, 193) }
```

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

```
.border{ border-color:rgb(202, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(202, 199,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 202, 199, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 199, 193) }
```

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

```
.background{ background-color: rgb(202,  
199, 193) }
```

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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