

Converting Colors

RGB(202, 193, 199)

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

RGB(202, 193, 199)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(202, 193, 199)

Conversions

Conversions Part 1

Format	Color
Hex	CAC1C7
RGB	202, 193, 199
RGB Percent	79%, 76%, 78%
CMY	0.2078, 0.2431, 0.2196
CMYK	0.00, 0.04, 0.01, 0.21
HSL	320°, 8%, 77%
HSV	320°, 4%, 79%
XYZ	53.7359, 54.8200, 61.7820
YIQ	196.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

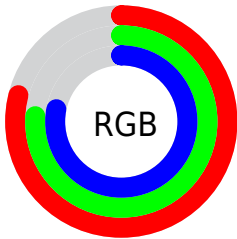
Format	Color
R _{YB}	202, 193, 199
Decimal	13287879
CIE Lab	78.94, 4.23, -1.89
CIE LCh	79, 4.630, 335.899
Yxy	54.8200, 0.3155, 0.3218
Android (android.graphics.Color)	4291477959 (0xFFCAC1C7)
YUV	196.3750, 1.2941, 4.9331
Hunter-Lab	74.0405, -0.0222, 2.3548

Details

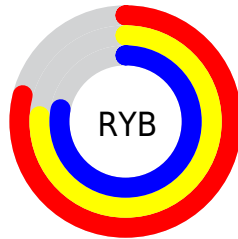
The RGB color **202, 193, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 202, 196**, and the grayscale version is **196, 196, 196**.

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

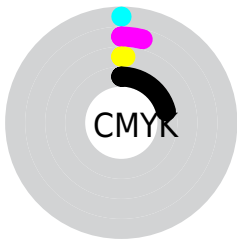
Distribution



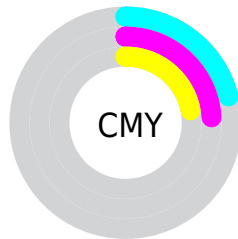
- Red (79%)
- Green (76%)
- Blue (78%)



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



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





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

Brightness & Saturation Gradients

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

 202, 193, 199


 202, 193, 199

255, 255, 255

 175, 166, 172


 255, 249, 255

 148, 140, 145

 122, 114, 120

 97, 90, 95

 74, 66, 71

 51, 44, 49


 30, 24, 28

 0, 0, 0


 0, 0, 0

 202, 193, 199


 202, 193, 199

 202, 173, 192


 202, 213, 206

 202, 153, 186

 202, 233, 212

 202, 132, 179

 202, 254, 219

 202, 112, 172

 202, 255, 226

 202, 92, 165

 202, 255, 233

 202, 72, 159


 202, 255, 239

 202, 52, 152

 202, 255, 246

 202, 31, 145

 202, 255, 253

 202, 11, 138

 202, 255, 255

Harmonies

Analogous

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



197, 194, 202



202, 193, 199



205, 193, 195

Triad

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



202, 193, 199



198, 195, 187



185, 198, 200

Complementary

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



202, 193, 199



193, 202, 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.



186, 198, 196



202, 193, 199



193, 197, 188

Square

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



202, 193, 199



203, 194, 188



189, 198, 192



188, 197, 203

Rectangle

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



202, 193, 199



205, 193, 192



189, 198, 192



185, 198, 199

Sweetspot

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



202, 193, 199



255, 252, 254



196, 193, 202



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



202, 193, 199



255, 242, 251



202, 193, 195



102, 96, 100



166, 0, 111



38, 0, 26

Inverse Universe

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



202, 193, 199



255, 242, 251



193, 202, 201



102, 96, 100



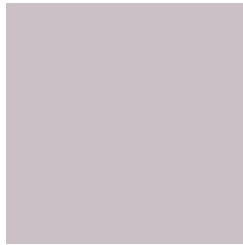
166, 0, 111



38, 0, 26

Previews

White Background



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

Color Contrast Check

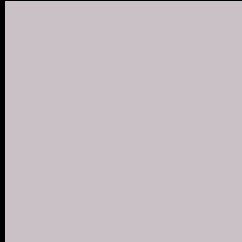
Large Text (above 18pt) WCAG AA × Fail

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, 193, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

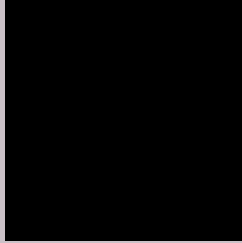
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

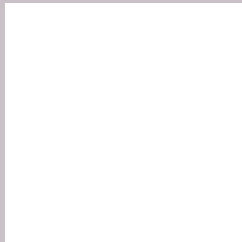
Any Text WCAG AAA ✓ Pass

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

RGB 202, 193, 199 Background



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

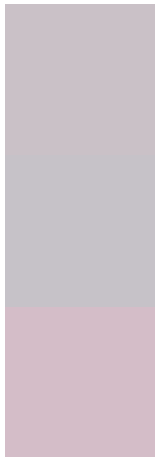


This preview shows how white text looks on a background with the RGB color 202, 193, 199.

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, 193, 199

Protanopia
198, 194, 200

Deuteranopia
212, 189, 200



Tritanopia
203, 192, 207

Trichromacy



Original Color

202, 193, 199

Protanomaly

199, 194, 200

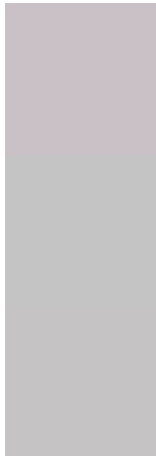
Deuteranomaly

208, 190, 200

Tritanomaly

203, 192, 204

Monochromacy



Original Color

202, 193, 199

Achromatopsia

196, 196, 196

Achromatomaly

198, 195, 197

CSS Examples

Text

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

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

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, 193, 199) colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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