

Converting Colors

RGB(193, 190, 173)

Have a look what the booklet for
RGB(193, 190, 173) contains.

RGB(193, 190, 173)	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(193, 190, 173)

Conversions

Conversions Part 1

Format	Color
Hex	C1BEAD
RGB	193, 190, 173
RGB Percent	76%, 75%, 68%
CMY	0.2431, 0.2549, 0.3216
CMYK	0.00, 0.02, 0.10, 0.24
HSL	51°, 14%, 72%
HSV	51°, 10%, 76%
XYZ	47.9486, 51.1815, 46.8870
YIQ	188.9590, 7.2450, -4.6510

Conversions

Conversions Part 2

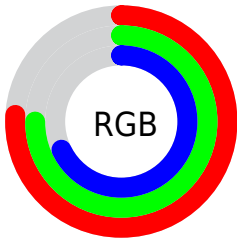
Format	Color
RYB	177, 193, 173
Decimal	12697261
CIELab	76.79, -1.92, 8.95
CIElCh	77, 9.156, 102.117
Yxy	51.1815, 0.3284, 0.3505
Android (android.graphics.Color)	4290887341 (0xFFC1BEAD)
YUV	188.9590, -7.8678, 3.5440
Hunter-Lab	71.5412, -5.5623, 11.2211

Details

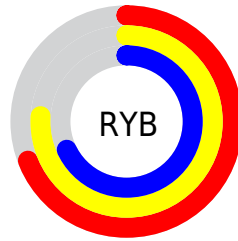
The RGB color **193, 190, 173** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **173, 176, 193**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **249, 246, 228**, and **139, 137, 121** is the 20% darker color. If you saturate the color by 10%, you get **193, 187, 154**, and if you desaturate by 10%, it is **193, 193, 192**.

Distribution



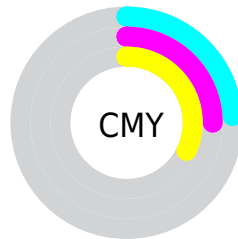
- Red (76%)
- Green (75%)
- Blue (68%)



- Red (69%)
- Yellow (76%)
- Blue (68%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (24%)



- Cyan (24%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 190, 173 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 193, 190, 173 by changing the saturation by 10% instead.

 193, 190, 173


255, 255, 255

 249, 246, 228

 193, 190, 173

 166, 163, 146

 139, 137, 121

 114, 111, 96

 89, 87, 72

 66, 64, 50

 44, 42, 29

 24, 21, 3

 0, 0, 0

 193, 190, 173


 193, 190, 173


 193, 187, 154


 193, 193, 192

 193, 184, 134


 193, 196, 212

 193, 181, 115


 193, 199, 231

 193, 178, 96


 193, 202, 250

 193, 176, 77


 193, 204, 255

 193, 173, 57

 193, 207, 255

 193, 170, 38

 193, 210, 255

 193, 167, 19

 193, 213, 255

 193, 164, 0

 193, 216, 255

Harmonies

Analogous

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



202, 187, 174



193, 190, 173



183, 193, 177

Triad

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



193, 190, 173



170, 194, 201



204, 184, 195

Complementary

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



193, 190, 173



173, 176, 193

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.



195, 186, 202



193, 190, 173



175, 192, 205

Square

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



193, 190, 173



169, 195, 193



185, 189, 206



208, 184, 186

Rectangle

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



193, 190, 173



177, 194, 181



185, 189, 206



201, 185, 198

Sweetspot

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



193, 190, 173



250, 249, 242



193, 173, 176



125, 124, 120



252, 252, 252



125, 125, 125

Same Dimension

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



193, 190, 173



250, 245, 220



186, 193, 173



97, 95, 87



161, 137, 0



33, 28, 0

Inverse Universe

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



173, 176, 193



220, 224, 250



180, 173, 193



87, 89, 97



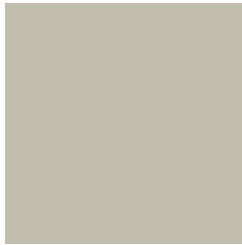
0, 24, 161



0, 5, 33

Previews

White Background



This preview shows how the RGB color 193, 190, 173 looks on a white background.

Color Contrast Check

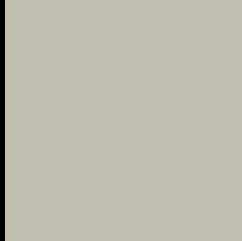
Large Text (above 18pt) WCAG AA × Fail

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 193, 190, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

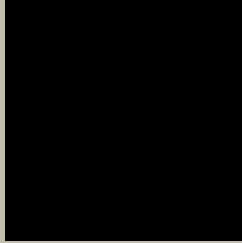
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

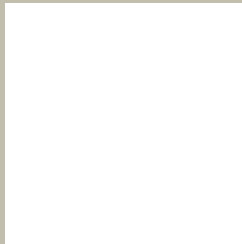
Any Text WCAG AAA ✓ Pass

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

RGB 193, 190, 173 Background



This preview shows how black text looks on a background with the RGB color 193, 190, 173.



This preview shows how white text looks on a background with the RGB color 193, 190, 173.

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
193, 190, 173

Protanopia
197, 189, 172

Deuteranopia
213, 183, 174



Tritanopia
197, 186, 201

Trichromacy



Original Color

193, 190, 173

Protanomaly

196, 189, 172

Deuteranomaly

206, 186, 174

Tritanomaly

196, 187, 191

Monochromacy



Original Color

193, 190, 173

Achromatopsia

189, 189, 189

Achromatomaly

190, 189, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 190, 173 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(193, 190, 173) looks like.

```
.text, #text, p{  
    color:rgb(193, 190, 173)  
}
```

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(193, 190, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 190, 173) }
```

Border

The CSS property to change the border of an element to RGB 193, 190, 173 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(193, 190, 173) }
```

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

```
.border{ border-color:rgb(193, 190, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 190, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 190, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 190, 173);  
box-shadow:4px 4px 4px 4px rgb(193, 190,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 193, 190, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 190, 173) }
```

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

```
.background{ background-color: rgb(193,  
190, 173) }
```

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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