

Converting Colors

RGB(199, 197, 170)

Have a look what the booklet for
RGB(199, 197, 170) contains.

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Color

RGB(199, 197, 170)

Conversions

Conversions Part 1

Format	Color
Hex	C7C5AA
RGB	199, 197, 170
RGB Percent	78%, 77%, 67%
CMY	0.2196, 0.2275, 0.3333
CMYK	0.00, 0.01, 0.15, 0.22
HSL	56°, 21%, 72%
HSV	56°, 15%, 78%
XYZ	50.7751, 54.9769, 45.9657
YIQ	194.5200, 9.8590, -7.9730

Conversions

Conversions Part 2

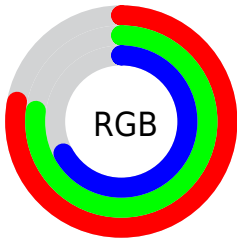
Format	Color
RYB	172, 199, 170
Decimal	13092266
CIELab	79.03, -3.90, 13.81
CIELCh	79, 14.348, 105.775
Yxy	54.9769, 0.3347, 0.3624
Android (android.graphics.Color)	4291282346 (0xFFC7C5AA)
YUV	194.5200, -12.0884, 3.9290
Hunter-Lab	74.1464, -7.5202, 15.1468

Details

The RGB color **199, 197, 170** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **170, 172, 199**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 254, 225**, and **145, 143, 118** is the 20% darker color. If you saturate the color by 10%, you get **199, 196, 150**, and if you desaturate by 10%, it is **199, 198, 190**.

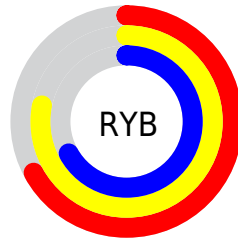
Distribution



Red (78%)

Green (77%)

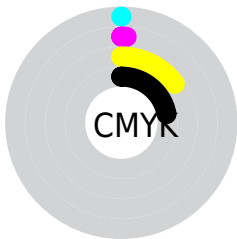
Blue (67%)



Red (67%)

Yellow (78%)

Blue (67%)

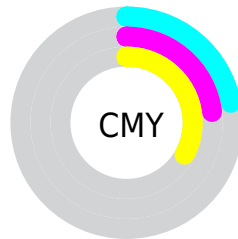


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (22%)



Cyan (22%)

Magenta (23%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 197, 170 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 199, 197, 170 by changing the saturation by 10% instead.

 199, 197, 170


255, 255, 255


 255, 254, 225

255, 255, 254


 199, 197, 170

 172, 170, 143

 145, 143, 118

 119, 118, 93

 94, 93, 69

 70, 70, 47

 48, 47, 26

 28, 26, 0

 0, 0, 0

 199, 197, 170

 199, 197, 170

 199, 196, 150

 199, 198, 190

 199, 194, 130

 199, 200, 210

 199, 193, 110

 199, 201, 230

 199, 192, 90

 199, 202, 250

 199, 190, 70

 199, 204, 255

 199, 189, 51

 199, 205, 255

 199, 187, 31

 199, 207, 255

 199, 186, 11

 199, 208, 255

 199, 185, 0

 199, 209, 255

Harmonies

Analogous

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



213, 193, 170



199, 197, 170



184, 201, 177

Triad

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



199, 197, 170



164, 202, 214



219, 187, 203

Complementary

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



199, 197, 170



170, 172, 199

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.



207, 190, 214



199, 197, 170



174, 199, 221

Square

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



199, 197, 170



162, 204, 202



190, 194, 221



224, 187, 189

Rectangle

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



199, 197, 170



174, 203, 184



190, 194, 221



216, 188, 207

Sweetspot

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



199, 197, 170



255, 254, 245



199, 170, 172



128, 127, 121



0, 0, 0



128, 128, 128

Same Dimension

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



199, 197, 170



255, 252, 212



187, 199, 170



99, 99, 90



163, 152, 0



36, 33, 0

Inverse Universe

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



170, 172, 199



212, 215, 255



182, 170, 199



90, 90, 99



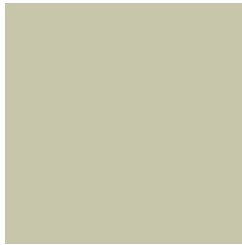
0, 11, 163



0, 2, 36

Previews

White Background



This preview shows how the RGB color 199, 197, 170 looks on a white background.

Color Contrast Check

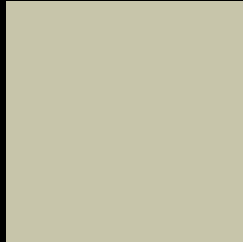
Large Text (above 18pt) WCAG AA × Fail

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 199, 197, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

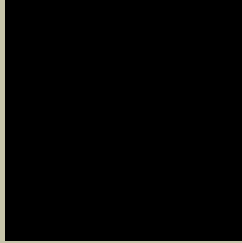
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

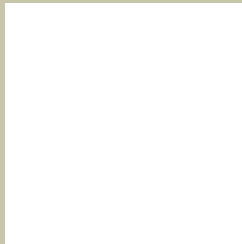
Any Text WCAG AAA ✓ Pass

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

RGB 199, 197, 170 Background



This preview shows how black text looks on a background with the RGB color 199, 197, 170.



This preview shows how white text looks on a background with the RGB color 199, 197, 170.

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
199, 197, 170

Protanopia
205, 195, 169

Deuteranopia
223, 188, 172



Tritanopia
204, 192, 207

Trichromacy



Original Color
199, 197, 170

Protanomaly
203, 196, 169

Deuteranomaly
214, 191, 171

Tritanomaly
202, 194, 194

Monochromacy



Original Color
199, 197, 170

Achromatopsia
195, 195, 195

Achromatomaly
196, 196, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 197, 170 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(199, 197, 170)` looks like.

```
.text, #text, p{  
    color:rgb(199, 197, 170)  
}
```

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(199, 197, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 197, 170) }
```

Border

The CSS property to change the border of an element to RGB 199, 197, 170 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(199, 197, 170) }
```

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

```
.border{ border-color:rgb(199, 197, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 197, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 197, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 197, 170);  
box-shadow:4px 4px 4px 4px rgb(199, 197,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 199, 197, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 197, 170) }
```

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

```
.background{ background-color: rgb(199,  
197, 170) }
```

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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