

Converting Colors

RGB(199, 210, 170)

Have a look what the booklet for
RGB(199, 210, 170) contains.

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Color

RGB(199, 210, 170)

Conversions

Conversions Part 1

Format	Color
Hex	C7D2AA
RGB	199, 210, 170
RGB Percent	78%, 82%, 67%
CMY	0.2196, 0.1765, 0.3333
CMYK	0.05, 0.00, 0.19, 0.18
HSL	76°, 31%, 75%
HSV	76°, 19%, 82%
XYZ	53.8555, 61.1376, 46.9925
YIQ	202.1510, 6.2840, -14.7720

Conversions

Conversions Part 2

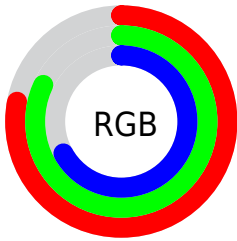
Format	Color
RYB	170, 210, 181
Decimal	13095594
CIELab	82.45, -10.62, 18.60
CIELCh	82, 21.421, 119.717
Yxy	61.1376, 0.3325, 0.3774
Android (android.graphics.Color)	4291285674 (0xFFC7D2AA)
YUV	202.1510, -15.8504, -2.7634
Hunter-Lab	78.1905, -13.8875, 19.1001

Details

The RGB color **199, 210, 170** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **181, 170, 210**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 255, 225**, and **145, 156, 118** is the 20% darker color. If you saturate the color by 10%, you get **193, 210, 149**, and if you desaturate by 10%, it is **205, 210, 191**.

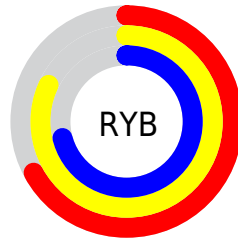
Distribution



Red (78%)

Green (82%)

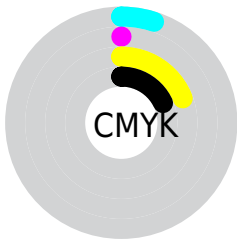
Blue (67%)



Red (67%)

Yellow (82%)

Blue (71%)

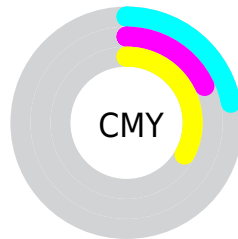


Cyan (5%)

Magenta (0%)

Yellow (19%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 210, 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, 210, 170 by changing the saturation by 10% instead.


 199, 210, 170

255, 255, 255

 255, 255, 225


255, 255, 254

 199, 210, 170


 172, 182, 143

 145, 156, 118

 119, 130, 93

 94, 104, 69

 70, 80, 46

 47, 57, 25

 27, 36, 0

 0, 16, 0

 0, 0, 0

 199, 210, 170

 199, 210, 170

 193, 210, 149

 205, 210, 191

 187, 210, 128


 211, 210, 212

 182, 210, 107

 216, 210, 233

 176, 210, 86

 222, 210, 254

 170, 210, 65

 228, 210, 255

 164, 210, 44

 234, 210, 255

 159, 210, 23

 239, 210, 255

 153, 210, 2

 245, 210, 255

 152, 210, 0

 251, 210, 255

Harmonies

Analogous

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



221, 204, 165



199, 210, 170



176, 215, 184

Triad

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



199, 210, 170



160, 213, 239



245, 191, 206

Complementary

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



199, 210, 170



181, 170, 210

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.



231, 194, 226



199, 210, 170



182, 207, 245

Square

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



199, 210, 170



151, 216, 224



209, 200, 240



247, 192, 186

Rectangle

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



199, 210, 170



163, 216, 197



209, 200, 240



241, 192, 213

Sweetspot

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



199, 210, 170



251, 255, 240



210, 181, 170



125, 128, 119



0, 0, 0



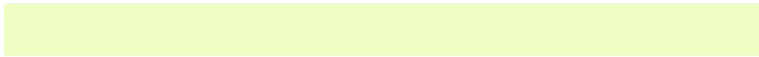
128, 128, 128

Same Dimension

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



199, 210, 170



239, 255, 196



179, 210, 170



102, 105, 94



122, 168, 0



30, 41, 0

Inverse Universe

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



181, 170, 210



212, 196, 255



201, 170, 210



97, 94, 105



46, 0, 168



11, 0, 41

Previews

White Background



This preview shows how the RGB color 199, 210, 170 looks on a white background.

Color Contrast Check

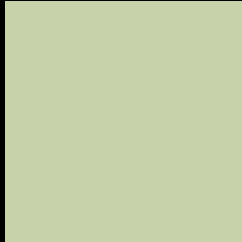
Large Text (above 18pt) WCAG AA × Fail

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, 210, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

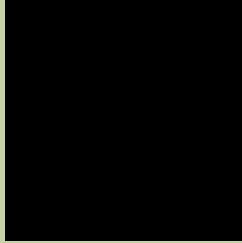
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

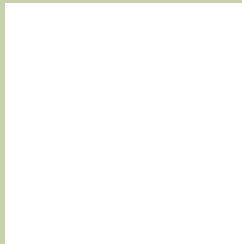
Any Text WCAG AAA ✓ Pass

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

RGB 199, 210, 170 Background



This preview shows how black text looks on a background with the RGB color 199, 210, 170.

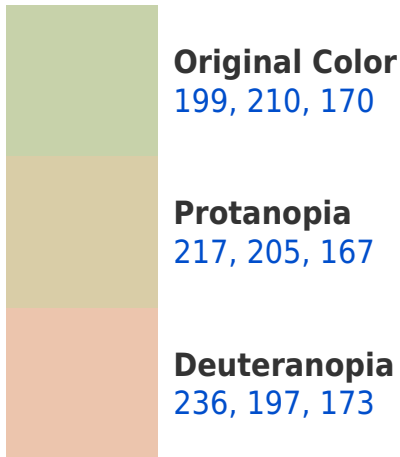


This preview shows how white text looks on a background with the RGB color 199, 210, 170.

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

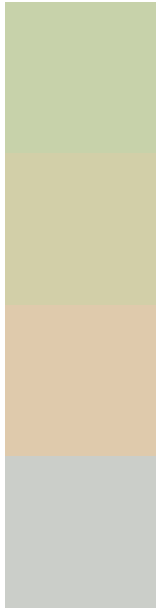




Tritanopia

206, 203, 219

Trichromacy



Original Color
199, 210, 170

Protanomaly
210, 207, 168

Deuteranomaly
223, 202, 172

Tritanomaly
203, 206, 201

Monochromacy



Original Color
199, 210, 170

Achromatopsia
202, 202, 202

Achromatomaly
201, 205, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 210, 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, 210, 170)` looks like.

```
.text, #text, p{  
    color:rgb(199, 210, 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, 210, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 210, 170) }
```

Border

The CSS property to change the border of an element to RGB 199, 210, 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, 210, 170) }
```

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

```
.border{ border-color:rgb(199, 210, 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, 210, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 210, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 210, 170);  
box-shadow:4px 4px 4px 4px rgb(199, 210,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 199, 210, 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, 210, 170) }
```

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

```
.background{ background-color: rgb(199,  
210, 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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