

Converting Colors

RGB(206, 197, 155)

Have a look what the booklet for
RGB(206, 197, 155) contains.

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Color

RGB(206, 197, 155)

Conversions

Conversions Part 1

Format	Color
Hex	CEC59B
RGB	206, 197, 155
RGB Percent	81%, 77%, 61%
CMY	0.1922, 0.2275, 0.3922
CMYK	0.00, 0.04, 0.25, 0.19
HSL	49°, 34%, 71%
HSV	49°, 25%, 81%
XYZ	51.3362, 55.4209, 39.0019
YIQ	194.9030, 18.8460, -11.1540

Conversions

Conversions Part 2

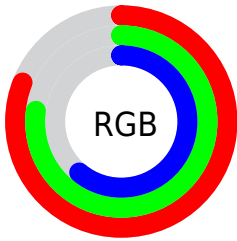
Format	Color
RYB	166, 206, 155
Decimal	13551003
CIELab	79.28, -3.51, 22.24
CIELCh	79, 22.518, 98.971
Yxy	55.4209, 0.3522, 0.3802
Android (android.graphics.Color)	4291741083 (0xFFCEC59B)
YUV	194.9030, -19.6722, 9.7321
Hunter-Lab	74.4452, -7.1883, 21.0495

Details

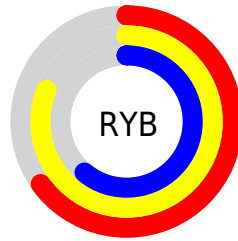
The RGB color **206, 197, 155** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **155, 164, 206**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 254, 210**, and **151, 143, 104** is the 20% darker color. If you saturate the color by 10%, you get **206, 193, 134**, and if you desaturate by 10%, it is **206, 201, 176**.

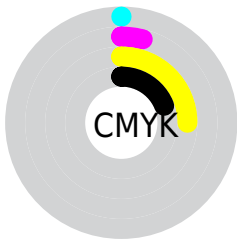
Distribution



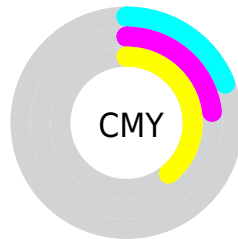
- Red (81%)
- Green (77%)
- Blue (61%)



- Red (65%)
- Yellow (81%)
- Blue (61%)



- Cyan (0%)
- Magenta (4%)
- Yellow (25%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 197, 155 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 206, 197, 155 by changing the saturation by 10% instead.

 206, 197, 155

255, 255, 255


 255, 254, 210

 255, 255, 238


 206, 197, 155


 178, 170, 129

 151, 143, 104

 125, 118, 79

 99, 93, 56

 75, 70, 34

 51, 47, 12

 30, 27, 0


 0, 0, 0

 206, 197, 155


 206, 197, 155

 206, 193, 134


 206, 201, 176

 206, 190, 114


 206, 204, 196

 206, 186, 93


 206, 208, 217

 206, 182, 73


 206, 212, 237

 206, 179, 52

 206, 215, 255

 206, 175, 31

 206, 219, 255

 206, 172, 11

 206, 222, 255

 206, 170, 0

 206, 226, 255

 206, 230, 255

Harmonies

Analogous

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



226, 190, 158



206, 197, 155



182, 203, 163

Triad

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



206, 197, 155



140, 207, 222



229, 183, 212

Complementary

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



206, 197, 155



155, 164, 206

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.



208, 189, 229



206, 197, 155



154, 203, 235

Square

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



206, 197, 155



142, 209, 202



180, 196, 237



239, 182, 191

Rectangle

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



206, 197, 155



167, 206, 174



180, 196, 237



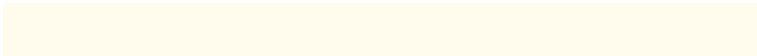
223, 185, 218

Sweetspot

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



206, 197, 155



255, 252, 237



206, 155, 164



128, 126, 117



0, 0, 0



128, 128, 128

Same Dimension

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



206, 197, 155



255, 242, 179



190, 206, 155



102, 100, 92



166, 137, 0



38, 32, 0

Inverse Universe

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



155, 164, 206



179, 192, 255



171, 155, 206



92, 94, 102



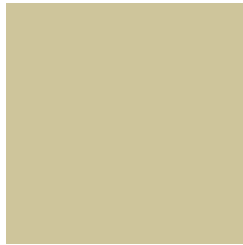
0, 29, 166



0, 7, 38

Previews

White Background



This preview shows how the RGB color 206, 197, 155 looks on a white background.

Color Contrast Check

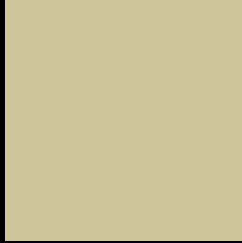
Large Text (above 18pt) WCAG AA × Fail

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 206, 197, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

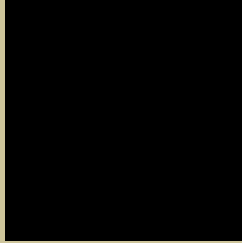
Any Text WCAG AA ✓ Pass

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 206, 197, 155 Background



This preview shows how black text looks on a background with the RGB color 206, 197, 155.



This preview shows how white text looks on a background with the RGB color 206, 197, 155.

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
206, 197, 155

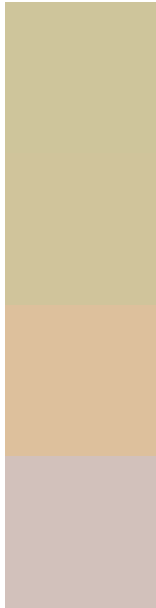
Protanopia
209, 196, 155

Deuteranopia
229, 189, 157



Tritanopia
212, 190, 205

Trichromacy



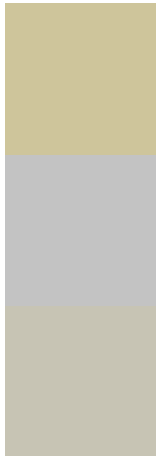
Original Color
206, 197, 155

Protanomaly
208, 196, 155

Deuteranomaly
221, 192, 156

Tritanomaly
210, 193, 187

Monochromacy



Original Color
206, 197, 155

Achromatopsia
195, 195, 195

Achromatomaly
199, 196, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 197, 155 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(206, 197, 155)` looks like.

```
.text, #text, p{  
    color:rgb(206, 197, 155)  
}
```

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(206, 197, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 197, 155) }
```

Border

The CSS property to change the border of an element to RGB 206, 197, 155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

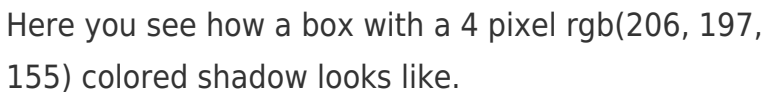
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 197, 155) }
```

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

```
.border{ border-color:rgb(206, 197, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 197, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 197, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 197, 155);  
box-shadow:4px 4px 4px 4px rgb(206, 197,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 206, 197, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 197, 155) }
```

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

```
.background{ background-color: rgb(206,  
197, 155) }
```

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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