

Converting Colors

RGB(204, 183, 155)

Have a look what the booklet for
RGB(204, 183, 155) contains.

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Color

RGB(204, 183, 155)

Conversions

Conversions Part 1

Format	Color
Hex	CCB79B
RGB	204, 183, 155
RGB Percent	80%, 72%, 61%
CMY	0.2000, 0.2824, 0.3922
CMYK	0.00, 0.10, 0.24, 0.20
HSL	34°, 32%, 70%
HSV	34°, 24%, 80%
XYZ	47.7517, 49.0709, 37.9652
YIQ	186.0870, 21.5040, -4.2560

Conversions

Conversions Part 2

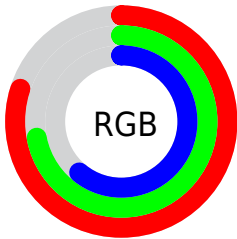
Format	Color
RYB	192, 204, 155
Decimal	13416347
CIELab	75.50, 3.11, 16.98
CIELCh	75, 17.264, 79.630
Yxy	49.0709, 0.3543, 0.3641
Android (android.graphics.Color)	4291606427 (0xFFCCB79B)
YUV	186.0870, -15.3259, 15.7097
Hunter-Lab	70.0506, -0.9097, 16.9022

Details

The RGB color **204, 183, 155** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **155, 176, 204**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 239, 210**, and **149, 130, 104** is the 20% darker color. If you saturate the color by 10%, you get **204, 174, 135**, and if you desaturate by 10%, it is **204, 192, 175**.

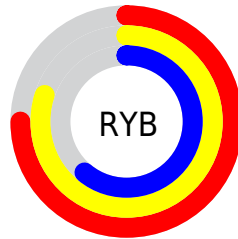
Distribution



Red (80%)

Green (72%)

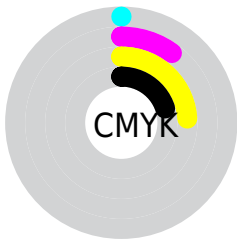
Blue (61%)



Red (75%)

Yellow (80%)

Blue (61%)

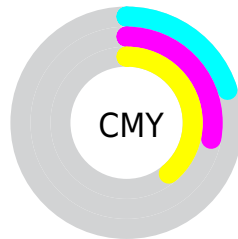


Cyan (0%)

Magenta (10%)

Yellow (24%)

Black (20%)



Cyan (20%)


Magenta (28%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 183, 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 204, 183, 155 by changing the saturation by 10% instead.

 204, 183, 155

 204, 183, 155


255, 255, 255


 176, 156, 129

 255, 239, 210

 149, 130, 104

 255, 255, 238

 123, 105, 80

 98, 81, 57


 73, 58, 35


 50, 37, 14


 28, 16, 0


 0, 0, 0

 204, 183, 155


 204, 183, 155

 204, 174, 135


 204, 192, 175

 204, 166, 114


 204, 200, 196

 204, 157, 94


 204, 209, 216

 204, 148, 73


 204, 218, 237

 204, 139, 53

 204, 227, 255

 204, 131, 33

 204, 235, 255

 204, 122, 12

 204, 244, 255

 204, 117, 0

 204, 253, 255

 204, 255, 255

Harmonies

Analogous

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



216, 178, 162



204, 183, 155



187, 188, 156

Triad

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



204, 183, 155



144, 195, 196



201, 179, 207

Complementary

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



204, 183, 155



155, 176, 204

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.



182, 184, 216



204, 183, 155



147, 193, 210

Square

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



204, 183, 155



153, 195, 180



162, 189, 217



215, 175, 192

Rectangle

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



204, 183, 155



175, 191, 161



162, 189, 217



195, 180, 211

Sweetspot

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



204, 183, 155



255, 247, 237



204, 155, 176



128, 123, 117



0, 0, 0



128, 128, 128

Same Dimension

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



204, 183, 155



255, 223, 181



201, 204, 155



102, 98, 92



166, 95, 0



38, 22, 0

Inverse Universe

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



155, 176, 204



181, 213, 255



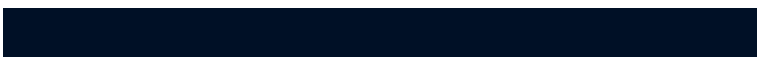
158, 155, 204



92, 96, 102



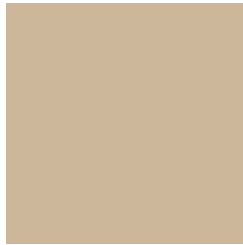
0, 71, 166



0, 16, 38

Previews

White Background



This preview shows how the RGB color 204, 183, 155 looks on a white background.

Color Contrast Check

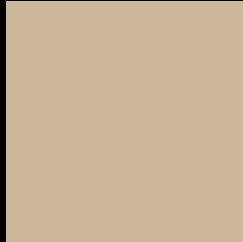
Large Text (above 18pt) WCAG AA × Fail

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 204, 183, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

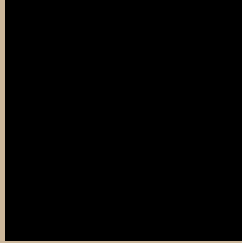
Any Text WCAG AA ✓ Pass

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 204, 183, 155 Background



This preview shows how black text looks on a background with the RGB color 204, 183, 155.



This preview shows how white text looks on a background with the RGB color 204, 183, 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
204, 183, 155

Protanopia
196, 186, 156

Deuteranopia
215, 179, 156



Tritanopia
208, 178, 192

Trichromacy



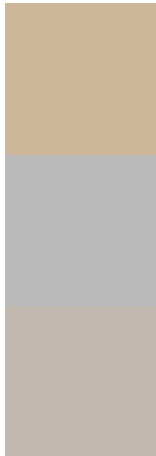
Original Color
204, 183, 155

Protanomaly
199, 185, 156

Deuteranomaly
211, 180, 156

Tritanomaly
207, 180, 179

Monochromacy



Original Color
204, 183, 155

Achromatopsia
186, 186, 186

Achromatomaly
193, 185, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 183, 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(204, 183, 155) looks like.

```
.text, #text, p{  
    color:rgb(204, 183, 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(204, 183, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 183, 155) }
```

Border

The CSS property to change the border of an element to RGB 204, 183, 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(204, 183, 155) }
```

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

```
.border{ border-color:rgb(204, 183, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 183, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 183, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 183, 155);  
box-shadow:4px 4px 4px 4px rgb(204, 183,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 204, 183, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 183, 155) }
```

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

```
.background{ background-color: rgb(204,  
183, 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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