

Converting Colors

RGB(205, 205, 172)

Have a look what the booklet for
RGB(205, 205, 172) contains.

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Color

RGB(205, 205, 172)

Conversions

Conversions Part 1

Format	Color
Hex	CDCDAC
RGB	205, 205, 172
RGB Percent	80%, 80%, 67%
CMY	0.1961, 0.1961, 0.3255
CMYK	0.00, 0.00, 0.16, 0.20
HSL	60°, 25%, 74%
HSV	60°, 16%, 80%
XYZ	54.4546, 59.6203, 47.6675
YIQ	201.2380, 10.5930, -10.2630

Conversions

Conversions Part 2

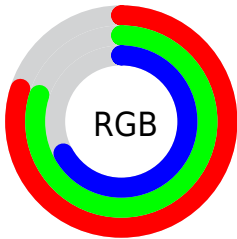
Format	Color
RYB	172, 205, 172
Decimal	13487532
CIELab	81.63, -5.55, 16.47
CIELCh	82, 17.378, 108.627
Yxy	59.6203, 0.3367, 0.3686
Android (android.graphics.Color)	4291677612 (0xFFCDCDAC)
YUV	201.2380, -14.4143, 3.2993
Hunter-Lab	77.2142, -9.2395, 17.4478

Details

The RGB color **205, 205, 172** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **172, 172, 205**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 255, 227**, and **151, 151, 120** is the 20% darker color. If you saturate the color by 10%, you get **205, 205, 152**, and if you desaturate by 10%, it is **205, 205, 193**.

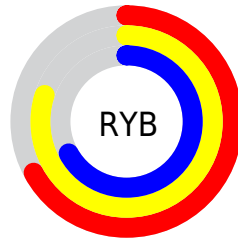
Distribution



Red (80%)

Green (80%)

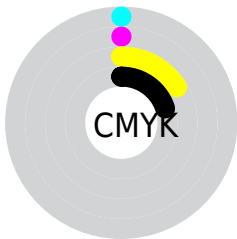
Blue (67%)



Red (67%)

Yellow (80%)

Blue (67%)

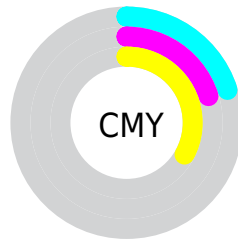


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 205, 172 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 205, 205, 172 by changing the saturation by 10% instead.


 205, 205, 172


255, 255, 255

 255, 255, 227


 205, 205, 172

 177, 178, 145


 151, 151, 120

 125, 125, 95

 99, 100, 71

 75, 76, 48

 52, 54, 27

 31, 32, 2

 0, 10, 0

 0, 0, 0

 205, 205, 172

 205, 205, 172

 205, 205, 152


 205, 205, 193

 205, 205, 131


 205, 205, 213

 205, 205, 111


 205, 205, 234


 205, 205, 90

 205, 205, 254

 205, 205, 70

 205, 205, 255

 205, 205, 49

 205, 205, 29

 205, 205, 8

 205, 205, 0

Harmonies

Analogous

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



222, 200, 171



205, 205, 172



186, 209, 181

Triad

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



205, 205, 172



163, 210, 227



232, 192, 210

Complementary

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



205, 205, 172



172, 172, 205

Split Complementary

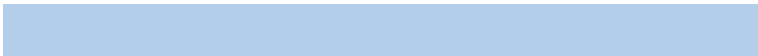
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218, 196, 225



205, 205, 172



178, 206, 234

Square

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



205, 205, 172



161, 212, 213



198, 201, 234



238, 192, 193

Rectangle

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



205, 205, 172



175, 211, 191



198, 201, 234



228, 193, 215

Sweetspot

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



205, 205, 172



255, 255, 242



205, 172, 172



128, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



205, 205, 172



255, 255, 207



189, 205, 172



102, 102, 92



166, 166, 0



38, 38, 0

Inverse Universe

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



172, 172, 205



207, 207, 255



189, 172, 205



92, 92, 102



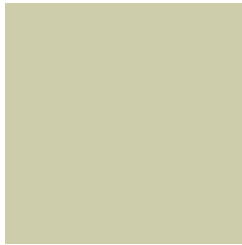
0, 0, 166



0, 0, 38

Previews

White Background



This preview shows how the RGB color 205, 205, 172 looks on a white background.

Color Contrast Check

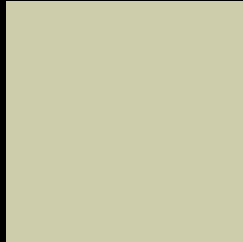
Large Text (above 18pt) WCAG AA × Fail

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 205, 205, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

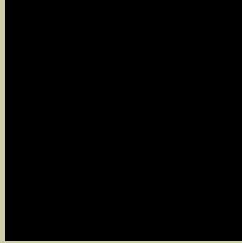
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

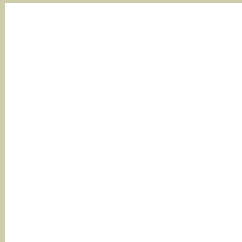
Any Text WCAG AAA ✓ Pass

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

RGB 205, 205, 172 Background



This preview shows how black text looks on a background with the RGB color 205, 205, 172.




This preview shows how white text looks on a background with the RGB color 205, 205, 172.

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](#).

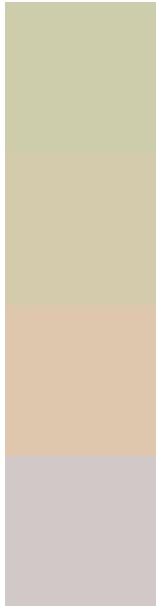
Dichromacy





Tritanopia
211, 199, 215

Trichromacy



Original Color
205, 205, 172

Protanomaly
211, 203, 171

Deuteranomaly
223, 199, 173

Tritanomaly
209, 201, 199

Monochromacy



Original Color
205, 205, 172

Achromatopsia
201, 201, 201

Achromatomaly
202, 202, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 205, 172 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(205, 205, 172)` looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 172)  
}
```

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(205, 205, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 172) }
```

Border

The CSS property to change the border of an element to RGB 205, 205, 172 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(205, 205, 172) }
```

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

```
.border{ border-color:rgb(205, 205, 172) }
```

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

Here you see how a box with a 4 pixel rgb(205, 205, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 172);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 205, 205, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 205, 172) }
```

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

```
.background{ background-color: rgb(205,  
205, 172) }
```

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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