

Converting Colors

RGB(218, 205, 170)

Have a look what the booklet for
RGB(218, 205, 170) contains.

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Color

RGB(218, 205, 170)

Conversions

Conversions Part 1

Format	Color
Hex	DACDAA
RGB	218, 205, 170
RGB Percent	85%, 80%, 67%
CMY	0.1451, 0.1961, 0.3333
CMYK	0.00, 0.06, 0.22, 0.15
HSL	44°, 39%, 76%
HSV	44°, 22%, 85%
XYZ	58.0005, 61.4703, 46.8382
YIQ	204.8970, 18.9830, -8.1290

Conversions

Conversions Part 2

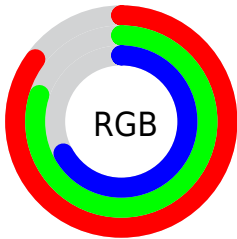
Format	Color
RYB	188, 218, 170
Decimal	14339498
CIELab	82.63, -1.03, 19.08
CIElCh	83, 19.105, 93.102
Yxy	61.4703, 0.3488, 0.3696
Android (android.graphics.Color)	4292529578 (0xFFDACDAA)
YUV	204.8970, -17.2042, 11.4913
Hunter-Lab	78.4030, -5.1558, 19.4621

Details

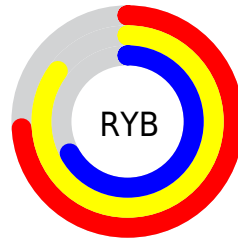
The RGB color **218, 205, 170** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **170, 183, 218**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 225**, and **163, 151, 118** is the 20% darker color. If you saturate the color by 10%, you get **218, 199, 148**, and if you desaturate by 10%, it is **218, 211, 192**.

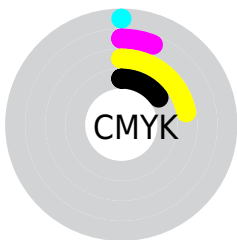
Distribution



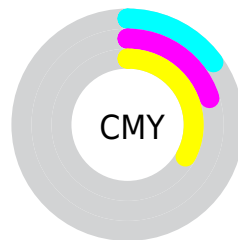
- Red (85%)
- Green (80%)
- Blue (67%)



- Red (74%)
- Yellow (85%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RGB color 218, 205, 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 218, 205, 170 by changing the saturation by 10% instead.

 218, 205, 170

 218, 205, 170

255, 255, 255

 190, 178, 143

 255, 255, 225

 163, 151, 118

255, 255, 254

 136, 125, 93

 110, 100, 69

 85, 76, 47

 62, 54, 25

 40, 32, 0

 12, 10, 0

 0, 0, 0

■ 218, 205, 170

■ 218, 205, 170

■ 218, 199, 148

■ 218, 211, 192

■ 218, 193, 126

■ 218, 217, 214

■ 218, 187, 105

■ 218, 223, 235

■ 218, 181, 83

■ 218, 229, 255

■ 218, 175, 61

■ 218, 235, 255

■ 218, 170, 39

■ 218, 240, 255

■ 218, 164, 17

■ 218, 246, 255

■ 218, 159, 0

■ 218, 252, 255

■ 218, 255, 255

Harmonies

Analogous

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



234, 199, 174



218, 205, 170



198, 211, 175

Triad

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



218, 205, 170



158, 215, 225



231, 195, 222

Complementary

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



218, 205, 170



170, 183, 218

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.



211, 200, 236



218, 205, 170



168, 212, 237

Square

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



218, 205, 170



163, 216, 207



188, 207, 241



242, 193, 204

Rectangle

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



218, 205, 170



184, 213, 184



188, 207, 241



225, 197, 227

Sweetspot

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



218, 205, 170



255, 250, 237



218, 170, 184



128, 125, 117



0, 0, 0



128, 128, 128

Same Dimension

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



218, 205, 170



255, 237, 189



208, 218, 170



110, 107, 99



173, 126, 0



46, 33, 0

Inverse Universe

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



170, 183, 218



189, 207, 255



180, 170, 218



99, 102, 110



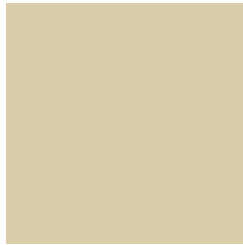
0, 47, 173



0, 12, 46

Previews

White Background



This preview shows how the RGB color 218, 205, 170 looks on a white background.

Color Contrast Check

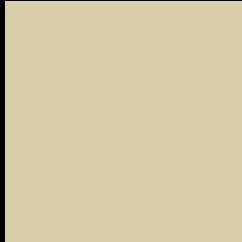
Large Text (above 18pt) WCAG AA × Fail

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 218, 205, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

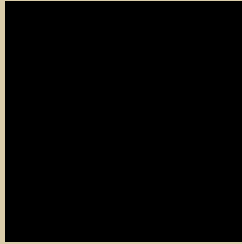
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

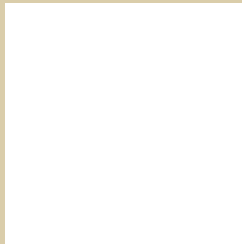
Any Text WCAG AAA ✓ Pass

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

RGB 218, 205, 170 Background



This preview shows how black text looks on a background with the RGB color 218, 205, 170.

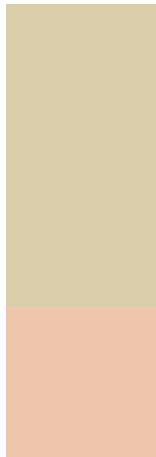


This preview shows how white text looks on a background with the RGB color 218, 205, 170.

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
218, 205, 170

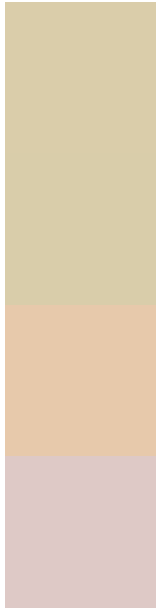
Protanopia
217, 205, 170

Deuteranopia
238, 198, 171



Tritanopia
224, 199, 214

Trichromacy



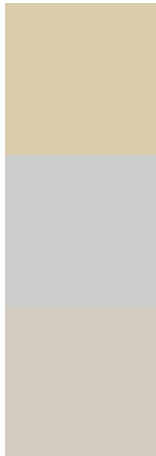
Original Color
218, 205, 170

Protanomaly
217, 205, 170

Deuteranomaly
231, 201, 171

Tritanomaly
222, 201, 198

Monochromacy



Original Color
218, 205, 170

Achromatopsia
205, 205, 205

Achromatomaly
210, 205, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 205, 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(218, 205, 170)` looks like.

```
.text, #text, p{  
    color:rgb(218, 205, 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(218, 205, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 205, 170) }
```

Border

The CSS property to change the border of an element to RGB 218, 205, 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(218, 205, 170) }
```

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

```
.border{ border-color:rgb(218, 205, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 205, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 205, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 205, 170);  
box-shadow:4px 4px 4px 4px rgb(218, 205,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 218, 205, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 205, 170) }
```

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

```
.background{ background-color: rgb(218,  
205, 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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