

Converting Colors

RGB(217, 202, 184)

Have a look what the booklet for
RGB(217, 202, 184) contains.

RGB(217, 202, 184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(217, 202, 184)

Conversions

Conversions Part 1

Format	Color
Hex	D9CAB8
RGB	217, 202, 184
RGB Percent	85%, 79%, 72%
CMY	0.1490, 0.2078, 0.2784
CMYK	0.00, 0.07, 0.15, 0.15
HSL	33°, 30%, 79%
HSV	33°, 15%, 85%
XYZ	58.3875, 60.4535, 53.9387
YIQ	204.4330, 14.7180, -2.4180

Conversions

Conversions Part 2

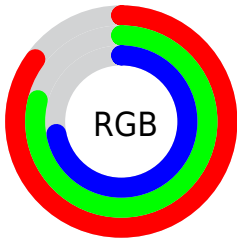
Format	Color
R _Y B	212, 217, 184
Decimal	14273208
CIE Lab	82.08, 2.26, 10.86
CIE LCh	82, 11.094, 78.221
Yxy	60.4535, 0.3379, 0.3499
Android (android.graphics.Color)	4292463288 (0xFFD9CAB8)
YUV	204.4330, -10.0735, 11.0213
Hunter-Lab	77.7518, -2.0216, 13.2951

Details

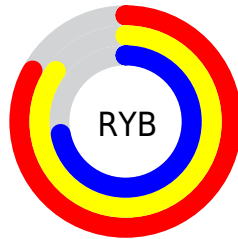
The RGB color **217, 202, 184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **184, 199, 217**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 240**, and **162, 148, 131** is the 20% darker color. If you saturate the color by 10%, you get **217, 192, 162**, and if you desaturate by 10%, it is **217, 212, 206**.

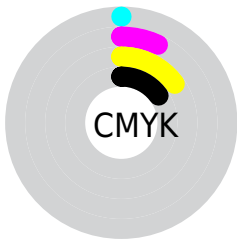
Distribution



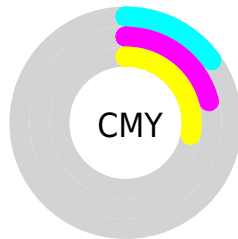
- Red (85%)
- Green (79%)
- Blue (72%)



- Red (83%)
- Yellow (85%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 202, 184 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 217, 202, 184 by changing the saturation by 10% instead.


 217, 202, 184

255, 255, 255

 255, 255, 240

 217, 202, 184

 189, 175, 157

 162, 148, 131

 136, 122, 106

 110, 97, 82

 85, 74, 59

 62, 51, 37

 40, 30, 16

 16, 5, 0


 0, 0, 0

 217, 202, 184

 217, 202, 184

 217, 192, 162

 217, 212, 206

 217, 182, 141

 217, 222, 227

 217, 172, 119

 217, 232, 249

 217, 163, 97

 217, 241, 255

 217, 153, 76

 217, 251, 255

 217, 143, 54

 217, 255, 255

 217, 133, 32

 217, 123, 10

 217, 118, 0

Harmonies

Analogous

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



225, 199, 189



217, 202, 184



206, 205, 184

Triad

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



217, 202, 184



179, 210, 210



214, 200, 218

Complementary

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



217, 202, 184



184, 199, 217

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.



201, 203, 224



217, 202, 184



180, 209, 219

Square

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



217, 202, 184



184, 210, 200



189, 206, 224



223, 198, 209

Rectangle

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



217, 202, 184



198, 207, 188



189, 206, 224



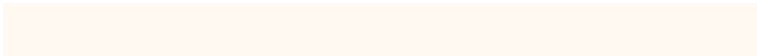
210, 201, 220

Sweetspot

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



217, 202, 184



255, 249, 242



217, 184, 199



128, 124, 120



0, 0, 0



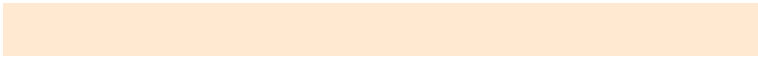
128, 128, 128

Same Dimension

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



217, 202, 184



255, 234, 209



216, 217, 184



110, 105, 99



173, 95, 0



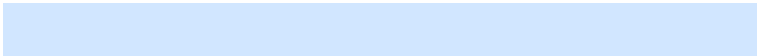
46, 25, 0

Inverse Universe

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



184, 199, 217



209, 230, 255



185, 184, 217



99, 104, 110



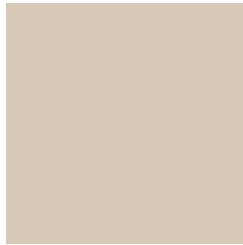
0, 79, 173



0, 21, 46

Previews

White Background



This preview shows how the RGB color 217, 202, 184 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 217, 202, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

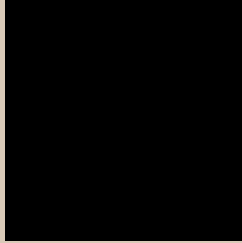
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

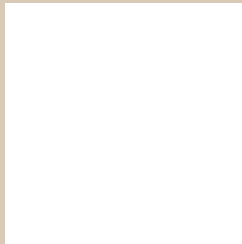
Any Text WCAG AAA ✓ Pass

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

RGB 217, 202, 184 Background



This preview shows how black text looks on a background with the RGB color 217, 202, 184.




This preview shows how white text looks on a background with the RGB color 217, 202, 184.

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
221, 198, 213

Trichromacy



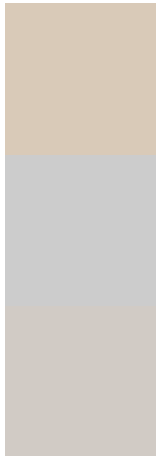
Original Color
217, 202, 184

Protanomaly
214, 203, 185

Deuteranomaly
226, 199, 185

Tritanomaly
220, 199, 202

Monochromacy



Original Color
217, 202, 184

Achromatopsia
204, 204, 204

Achromatomaly
209, 203, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 202, 184 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(217, 202, 184) looks like.

```
.text, #text, p{  
    color:rgb(217, 202, 184)  
}
```

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(217, 202, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 202, 184) }
```

Border

The CSS property to change the border of an element to RGB 217, 202, 184 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(217, 202, 184) }
```

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

```
.border{ border-color:rgb(217, 202, 184) }
```

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

Here you see how a box with a 4 pixel rgb(217, 202, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 202, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 202, 184);  
box-shadow:4px 4px 4px 4px rgb(217, 202,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 217, 202, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 202, 184) }
```

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

```
.background{ background-color: rgb(217,  
202, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor