

Converting Colors

RGB(221, 207, 175)

Have a look what the booklet for
RGB(221, 207, 175) contains.

RGB(221, 207, 175)	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(221, 207, 175)

Conversions

Conversions Part 1

Format	Color
Hex	DDCFAF
RGB	221, 207, 175
RGB Percent	87%, 81%, 69%
CMY	0.1333, 0.1882, 0.3137
CMYK	0.00, 0.06, 0.21, 0.13
HSL	42°, 40%, 78%
HSV	42°, 21%, 87%
XYZ	59.8695, 63.0929, 49.5801
YIQ	207.5380, 18.6160, -6.9840

Conversions

Conversions Part 2

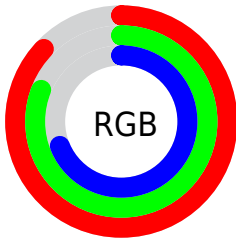
Format	Color
RYB	195, 221, 175
Decimal	14536623
CIELab	83.49, -0.23, 17.67
CIELCh	83, 17.671, 90.762
Yxy	63.0929, 0.3470, 0.3657
Android (android.graphics.Color)	4292726703 (0xFFDDCF AF)
YUV	207.5380, -16.0412, 11.8062
Hunter-Lab	79.4311, -4.4638, 18.5935

Details

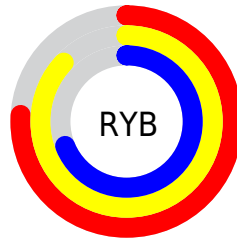
The RGB color **221, 207, 175** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **175, 189, 221**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 255, 231**, and **166, 153, 122** is the 20% darker color. If you saturate the color by 10%, you get **221, 200, 153**, and if you desaturate by 10%, it is **221, 214, 197**.

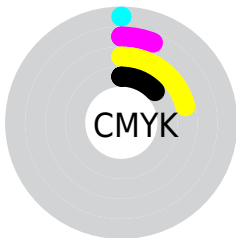
Distribution



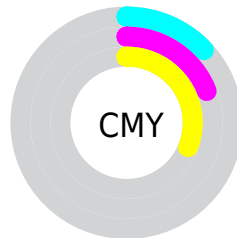
- Red (87%)
- Green (81%)
- Blue (69%)



- Red (76%)
- Yellow (87%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 207, 175 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 221, 207, 175 by changing the saturation by 10% instead.

 221, 207, 175


255, 255, 255


 255, 255, 231

 221, 207, 175


 193, 180, 148

 166, 153, 122

 139, 127, 97

 113, 102, 74

 88, 78, 51

 64, 55, 29


 42, 34, 5


 17, 12, 0


 0, 0, 0

 221, 207, 175


 221, 207, 175

 221, 200, 153


 221, 214, 197

 221, 194, 131


 221, 220, 219


 221, 187, 109


 221, 227, 241

 221, 180, 87


 221, 234, 255

 221, 173, 65


 221, 241, 255

 221, 167, 42

 221, 247, 255

 221, 160, 20

 221, 254, 255

 221, 154, 0

 221, 255, 255

Harmonies

Analogous

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



236, 202, 180



221, 207, 175



202, 212, 179

Triad

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



221, 207, 175



165, 217, 224



230, 199, 225

Complementary

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



221, 207, 175



175, 189, 221

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.



212, 204, 237



221, 207, 175



172, 214, 236

Square

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



221, 207, 175



169, 218, 208



190, 209, 241



241, 197, 208

Rectangle

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



221, 207, 175



190, 215, 187



190, 209, 241



225, 200, 229

Sweetspot

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



221, 207, 175



255, 250, 240



221, 175, 190



128, 125, 119



0, 0, 0



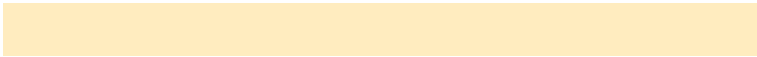
128, 128, 128

Same Dimension

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



221, 207, 175



255, 236, 191



213, 221, 175



110, 106, 99



173, 121, 0



46, 32, 0

Inverse Universe

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



175, 189, 221



191, 211, 255



183, 175, 221



99, 102, 110



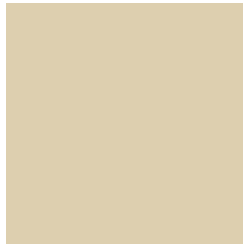
0, 53, 173



0, 14, 46

Previews

White Background



This preview shows how the RGB color 221, 207, 175 looks on a white background.

Color Contrast Check

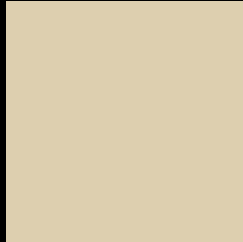
Large Text (above 18pt) WCAG AA × Fail

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 221, 207, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

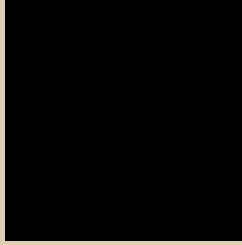
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

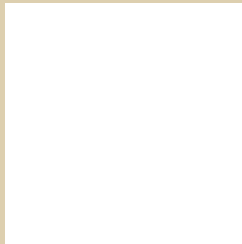
Any Text WCAG AAA ✓ Pass

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

RGB 221, 207, 175 Background



This preview shows how black text looks on a background with the RGB color 221, 207, 175.

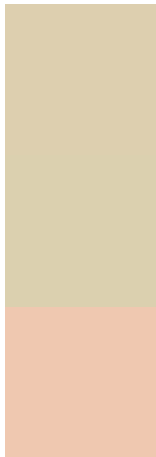


This preview shows how white text looks on a background with the RGB color 221, 207, 175.

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
221, 207, 175

Protanopia
219, 208, 175

Deuteranopia
239, 200, 176



Tritanopia
226, 201, 217

Trichromacy



Original Color

221, 207, 175

Protanomaly

220, 208, 175

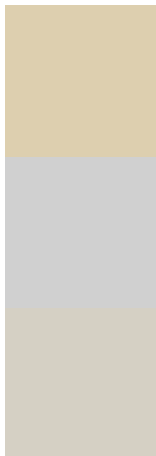
Deuteranomaly

232, 203, 176

Tritanomaly

224, 203, 202

Monochromacy



Original Color

221, 207, 175

Achromatopsia

208, 208, 208

Achromatomaly

213, 208, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 207, 175 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(221, 207, 175)` looks like.

```
.text, #text, p{  
    color:rgb(221, 207, 175)  
}
```

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(221, 207, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 207, 175) }
```

Border

The CSS property to change the border of an element to RGB 221, 207, 175 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(221, 207, 175) }
```

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

```
.border{ border-color:rgb(221, 207, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 207, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 207, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 207, 175);  
box-shadow:4px 4px 4px 4px rgb(221, 207,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 221, 207, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 207, 175) }
```

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

```
.background{ background-color: rgb(221,  
207, 175) }
```

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