

Converting Colors

RGB(221, 206, 188)

Have a look what the booklet for
RGB(221, 206, 188) contains.

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Color

RGB(221, 206, 188)

Conversions

Conversions Part 1

Format	Color
Hex	DDCEBC
RGB	221, 206, 188
RGB Percent	87%, 81%, 74%
CMY	0.1333, 0.1922, 0.2627
CMYK	0.00, 0.07, 0.15, 0.13
HSL	33°, 33%, 80%
HSV	33°, 15%, 87%
XYZ	60.9672, 63.1456, 56.5520
YIQ	208.4330, 14.7180, -2.4180

Conversions

Conversions Part 2

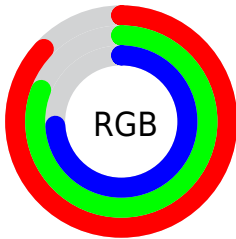
Format	Color
R _Y B	216, 221, 188
Decimal	14536380
CIE Lab	83.52, 2.25, 10.82
CIE LCh	84, 11.050, 78.254
Yxy	63.1456, 0.3375, 0.3495
Android (android.graphics.Color)	4292726460 (0xFFDDCEBC)
YUV	208.4330, -10.0735, 11.0213
Hunter-Lab	79.4642, -2.1121, 13.4303

Details

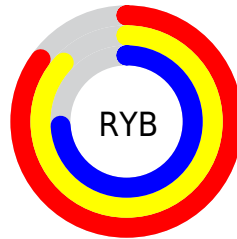
The RGB color **221, 206, 188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **188, 203, 221**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 244**, and **166, 152, 135** is the 20% darker color. If you saturate the color by 10%, you get **221, 196, 166**, and if you desaturate by 10%, it is **221, 216, 210**.

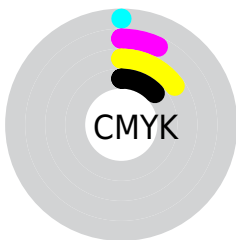
Distribution



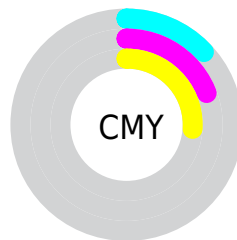
- Red (87%)
- Green (81%)
- Blue (74%)



- Red (85%)
- Yellow (87%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 206, 188 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, 206, 188 by changing the saturation by 10% instead.


 221, 206, 188


255, 255, 255

 255, 255, 244

 221, 206, 188

 193, 179, 161

 166, 152, 135

 139, 126, 109

 114, 101, 85

 89, 77, 62

 65, 54, 40


 43, 33, 20


 22, 10, 0


 0, 0, 0


 221, 206, 188


 221, 206, 188

 221, 196, 166


 221, 216, 210


 221, 186, 144


 221, 226, 232


 221, 176, 122


 221, 236, 254


 221, 166, 100


 221, 246, 255


 221, 156, 78

 221, 255, 255

 221, 146, 55

 221, 136, 33

 221, 126, 11

 221, 121, 0

Harmonies

Analogous

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



229, 203, 193



221, 206, 188



210, 209, 188

Triad

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



221, 206, 188



183, 214, 214



218, 204, 222

Complementary

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



221, 206, 188



188, 203, 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.



205, 207, 228



221, 206, 188



184, 213, 223

Square

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



221, 206, 188



188, 214, 204



193, 210, 228



227, 202, 213

Rectangle

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



221, 206, 188



202, 211, 192



193, 210, 228



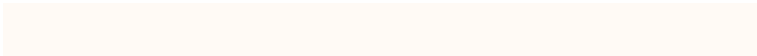
214, 205, 224

Sweetspot

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



221, 206, 188



255, 250, 245



221, 188, 203



128, 125, 121



0, 0, 0



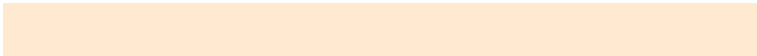
128, 128, 128

Same Dimension

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



221, 206, 188



255, 234, 209



220, 221, 188



110, 105, 99



173, 95, 0



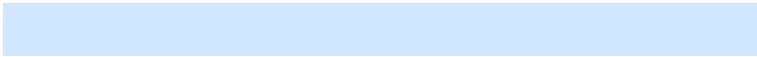
46, 25, 0

Inverse Universe

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



188, 203, 221



209, 230, 255



189, 188, 221



99, 104, 110



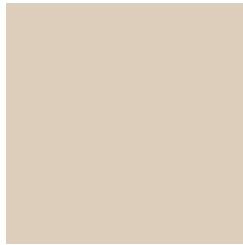
0, 79, 173



0, 21, 46

Previews

White Background



This preview shows how the RGB color 221, 206, 188 looks on a white background.

Color Contrast Check

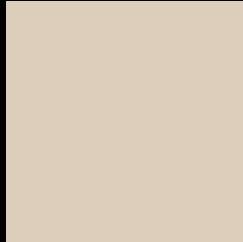
Large Text (above 18pt) WCAG AA × Fail

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, 206, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

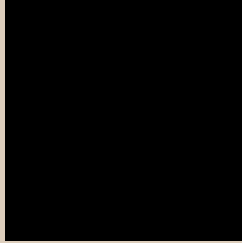
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

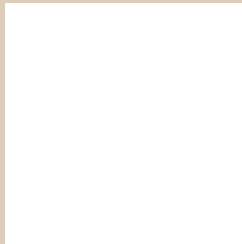
Any Text WCAG AAA ✓ Pass

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

RGB 221, 206, 188 Background



This preview shows how black text looks on a background with the RGB color 221, 206, 188.



This preview shows how white text looks on a background with the RGB color 221, 206, 188.

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, 206, 188

Protanopia
216, 207, 189

Deuteranopia
235, 201, 189



Tritanopia
225, 202, 217

Trichromacy



Original Color

221, 206, 188

Protanomaly

218, 207, 189

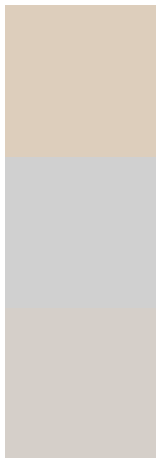
Deuteranomaly

230, 203, 189

Tritanomaly

224, 203, 206

Monochromacy



Original Color

221, 206, 188

Achromatopsia

208, 208, 208

Achromatomaly

213, 207, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 206, 188 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, 206, 188)` looks like.

```
.text, #text, p{  
    color:rgb(221, 206, 188)  
}
```

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, 206, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 206, 188) }
```

Border

The CSS property to change the border of an element to RGB 221, 206, 188 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, 206, 188) }
```

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

```
.border{ border-color:rgb(221, 206, 188) }
```

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

Here you see how a box with a 4 pixel rgb(221, 206, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 206, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 206, 188);  
box-shadow:4px 4px 4px 4px rgb(221, 206,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 221, 206, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 206, 188) }
```

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

```
.background{ background-color: rgb(221,  
206, 188) }
```

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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