

Converting Colors

RGB(220, 207, 186)

Have a look what the booklet for
RGB(220, 207, 186) contains.

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Color

RGB(220, 207, 186)

Conversions

Conversions Part 1

Format	Color
Hex	DCCFBA
RGB	220, 207, 186
RGB Percent	86%, 81%, 73%
CMY	0.1373, 0.1882, 0.2706
CMYK	0.00, 0.06, 0.15, 0.14
HSL	37°, 33%, 80%
HSV	37°, 15%, 86%
XYZ	60.6909, 63.3865, 55.4904
YIQ	208.4930, 14.4890, -3.7750

Conversions

Conversions Part 2

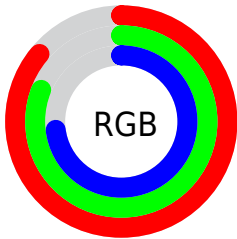
Format	Color
R_{YB}	207, 220, 186
Decimal	14471098
CIE Lab	83.65, 1.05, 12.05
CIE LCh	84, 12.095, 85.008
Yxy	63.3865, 0.3380, 0.3530
Android (android.graphics.Color)	4292661178 (0xFFDCCFBA)
YUV	208.4930, -11.0890, 10.0916
Hunter-Lab	79.6156, -3.2569, 14.4070

Details

The RGB color **220, 207, 186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **186, 199, 220**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **255, 255, 242**, and **165, 153, 133** is the 20% darker color. If you saturate the color by 10%, you get **220, 199, 164**, and if you desaturate by 10%, it is **220, 215, 208**.

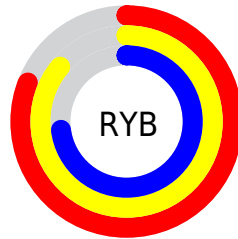
Distribution



Red (86%)

Green (81%)

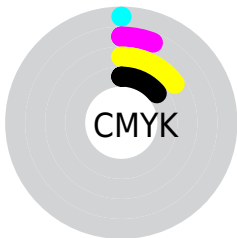
Blue (73%)



Red (81%)

Yellow (86%)

Blue (73%)

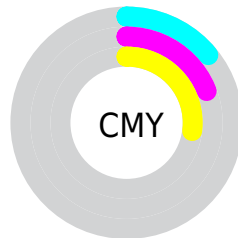


Cyan (0%)

Magenta (6%)

Yellow (15%)

Black (14%)



Cyan (14%)

Magenta (19%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 207, 186 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 220, 207, 186 by changing the saturation by 10% instead.


 220, 207, 186

255, 255, 255


 255, 255, 242

 220, 207, 186


 192, 179, 159

 165, 153, 133

 138, 127, 108

 113, 102, 83

 88, 78, 60

 64, 55, 38


 42, 34, 18

 20, 12, 0


 0, 0, 0

 220, 207, 186


 220, 207, 186

 220, 199, 164


 220, 215, 208

 220, 190, 142


 220, 224, 230

 220, 182, 120


 220, 232, 252

 220, 173, 98


 220, 241, 255


 220, 165, 76

 220, 249, 255

 220, 157, 54

 220, 255, 255

 220, 148, 32

 220, 140, 10

 220, 136, 0

Harmonies

Analogous

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



229, 203, 190



220, 207, 186



207, 211, 188

Triad

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



220, 207, 186



180, 215, 218



222, 203, 222

Complementary

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



220, 207, 186



186, 199, 220

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.



209, 206, 229



220, 207, 186



184, 213, 227

Square

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



220, 207, 186



184, 215, 206



194, 210, 231



231, 201, 211

Rectangle

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



220, 207, 186



199, 213, 192



194, 210, 231



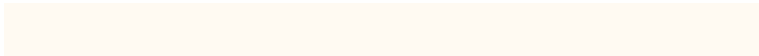
218, 204, 225

Sweetspot

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



220, 207, 186



255, 250, 242



220, 186, 199



128, 125, 120



0, 0, 0



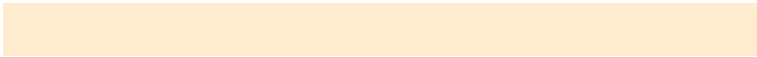
128, 128, 128

Same Dimension

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



220, 207, 186



255, 236, 207



216, 220, 186



110, 105, 99



173, 107, 0



46, 28, 0

Inverse Universe

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



186, 199, 220



207, 225, 255



190, 186, 220



99, 103, 110



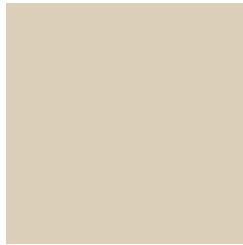
0, 66, 173



0, 18, 46

Previews

White Background



This preview shows how the RGB color 220, 207, 186 looks on a white background.

Color Contrast Check

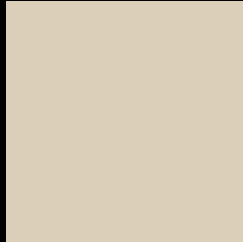
Large Text (above 18pt) WCAG AA × Fail

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 220, 207, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

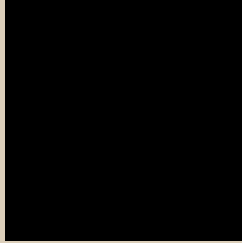
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

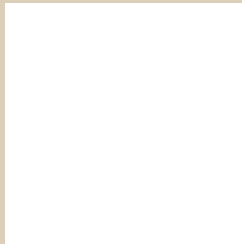
Any Text WCAG AAA ✓ Pass

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

RGB 220, 207, 186 Background



This preview shows how black text looks on a background with the RGB color 220, 207, 186.



This preview shows how white text looks on a background with the RGB color 220, 207, 186.

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
220, 207, 186

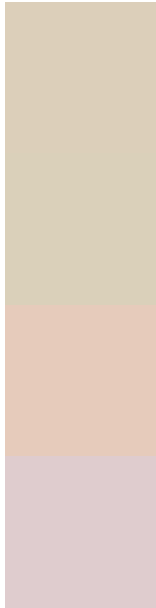
Protanopia
217, 208, 186

Deuteranopia
236, 201, 187



Tritanopia
224, 202, 218

Trichromacy



Original Color

220, 207, 186

Protanomaly

218, 208, 186

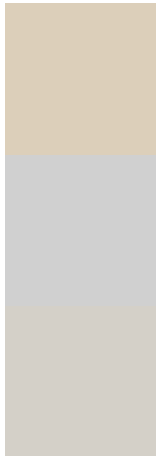
Deuteranomaly

230, 203, 187

Tritanomaly

223, 204, 206

Monochromacy



Original Color

220, 207, 186

Achromatopsia

208, 208, 208

Achromatomaly

212, 208, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 207, 186 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(220, 207, 186)` looks like.

```
.text, #text, p{  
    color:rgb(220, 207, 186)  
}
```

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(220, 207, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 207, 186) }
```

Border

The CSS property to change the border of an element to RGB 220, 207, 186 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(220, 207, 186) }
```

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

```
.border{ border-color:rgb(220, 207, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 207, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 207, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 207, 186);  
box-shadow:4px 4px 4px 4px rgb(220, 207,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 220, 207, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 207, 186) }
```

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

```
.background{ background-color: rgb(220,  
207, 186) }
```

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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