Converting Colors

RGB(220, 205, 189)

Have a look what the booklet for RGB(220, 205, 189) contains.

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Color

RGB(220, 205, 189)

Conversions

Conversions Part 1

Format	Color
Hex	DCCDBD
RGB	220, 205, 189
RGB Percent	86%, 80%, 74%
CMY	0.1373, 0.1961, 0.2588
CMYK	0.00, 0.07, 0.14, 0.14
HSL	31°, 31%, 80%
HSV	31°, 14%, 86%
XYZ	60.5318, 62.5524, 57.0276
YIQ	207.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

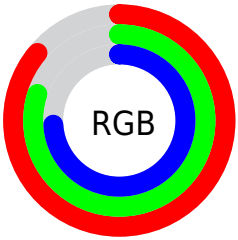
Format	Color
RYB	218, 220, 189
Decimal	14470589
CIELab	83.21, 2.57, 9.83
CIELCh	83, 10.160, 75.359
Yxy	62.5524, 0.3361, 0.3473
Android (android.graphics.Color)	4292660669 (0xFFDCCDBD)
YUV	207.6610, -9.1999, 10.8213
Hunter-Lab	79.0901, -1.7921, 12.6123

Details

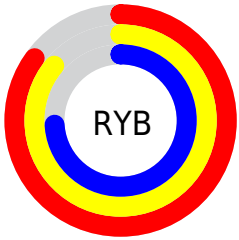
The RGB color 220, 205, 189 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 189, 204, 220, and the grayscale version is 208, 208, 208.

A 20% lighter version of the original color is 255, 255, 245, and 165, 151, 136 is the 20% darker color. If you saturate the color by 10%, you get 220, 194, 167, and if you desaturate by 10%, it is 220, 216, 211.

Distribution

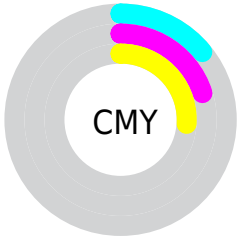


- Red (86%)
- Green (80%)
- Blue (74%)



- Red (85%)
- Yellow (86%)
- Blue (74%)

- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 205, 189 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, 205, 189 by changing the saturation by 10% instead.

220, 205, 189

255, 255, 255

255, 255, 245

220, 205, 189

192, 178, 162

165, 151, 136

138, 125, 110

113, 100, 86

88, 76, 63

64, 54, 41

42, 32, 20

21, 9, 0

0, 0, 0

220, 205, 189

220, 194, 167

220, 184, 145

220, 173, 123

220, 162, 101

220, 152, 79

220, 141, 57

220, 130, 35

220, 120, 13

220, 114, 0

220, 205, 189

220, 216, 211

220, 226, 233

220, 237, 255

220, 248, 255

220, 255, 255

Harmonies

Analogous

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

227, 202, 194

220, 205, 189

210, 208, 189

Triad

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

220, 205, 189

184, 213, 212

215, 203, 221

Complementary

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

220, 205, 189

189, 204, 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.

203, 206, 226

220, 205, 189

185, 212, 220

Square

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

220, 205, 189

189, 213, 202

192, 210, 225

224, 201, 212

Rectangle

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

220, 205, 189

203, 210, 192

192, 210, 225

211, 204, 223

Sweetspot

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

220, 205, 189

255, 250, 245

220, 189, 205

128, 124, 121

0, 0, 0

128, 128, 128

Same Dimension

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

220, 205, 189

255, 234, 212

220, 220, 189

110, 104, 99

173, 89, 0

46, 24, 0

Inverse Universe

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

189, 204, 220

212, 233, 255

189, 189, 220

99, 104, 110

0, 84, 173

0, 22, 46

Previews

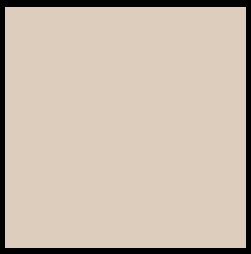
White Background

This preview shows how the RGB color 220, 205, 189 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



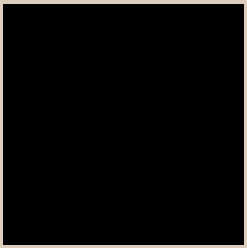
This preview shows how the RGB color 220, 205, 189 looks on a black background.

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, 205, 189 Background



This preview shows how black text looks on a background with the RGB color 220, 205, 189.

This preview shows how white text looks on a background with the RGB color 220, 205, 189.

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, 205, 189

Protanopia
215, 207, 190

Deuteranopia
234, 200, 190

Tritanopia
224, 201, 217

Trichromacy

Original Color
220, 205, 189

Protanomaly
217, 206, 190

Deuteranomaly
229, 202, 190

Tritanomaly
223, 202, 207

Monochromacy

Original Color
220, 205, 189

Achromatopsia
208, 208, 208

Achromatomaly
212, 207, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 205, 189 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, 205, 189) looks like.

```
.text, #text, p{
    color:rgb(220, 205, 189)
}
```

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, 205, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 205, 189) }
```

Border

The CSS property to change the border of an element to RGB 220, 205, 189 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, 205, 189) }
```

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

```
.border{ border-color:rgb(220, 205, 189) }
```

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

Here you see how a box with a 4 pixel rgb(220, 205, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 205, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 205, 189); box-shadow:4px 4px 4px 4px rgb(220, 205, 189) }
```

Background

The CSS property to change the background color of an element to RGB 220, 205, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(220, 205, 189) }
```

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

```
.background{ background-color:rgb(220,
205, 189) }
```

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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