Converting Colors

RGB(223, 221, 216)

Have a look what the booklet for RGB(223, 221, 216) contains.

Color

RGB(223, 221, 216)

Conversions

Format	Color
	Conversions Part 1
Hex	DFDDD8
RGB	223, 221, 216
RGB Percent	87%, 87%, 85%
CMY	0.1255, 0.1333, 0.1529
CMYK	0.00, 0.01, 0.03, 0.13
HSL	43°, 10%, 86%
HSV	43°, 3%, 87%
XYZ	68.6825, 72.3587, 75.3124
YIQ	221.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

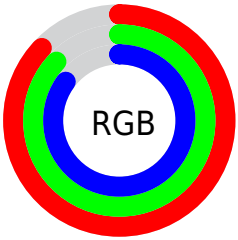
Format	Color
RYB	219, 223, 216
Decimal	14671320
CIELab	88.14, -0.20, 2.68
CIELCh	88, 2.686, 94.288
Yxy	72.3587, 0.3175, 0.3344
Android (android.graphics.Color)	4292861400 (0xFFDFDDD8)
YUV	221.0280, -2.4788, 1.7294
Hunter-Lab	85.0639, -4.7370, 7.0516

Details

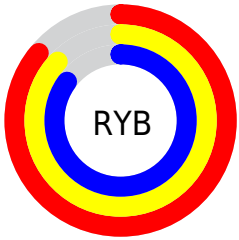
The RGB color 223, 221, 216 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 216, 218, 223, and the grayscale version is 221, 221, 221.

A 20% lighter version of the original color is 255, 255, 255, and 168, 166, 161 is the 20% darker color. If you saturate the color by 10%, you get 223, 215, 194, and if you desaturate by 10%, it is 223, 227, 238.

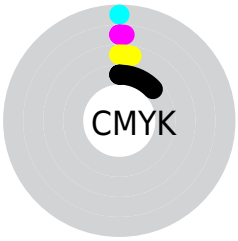
Distribution



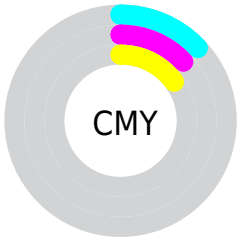
- Red (87%)
- Green (87%)
- Blue (85%)



- Red (86%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 221, 216 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 223, 221, 216 by changing the saturation by 10% instead.

223, 221, 216

255, 255, 255

223, 221, 216

195, 193, 188

168, 166, 161

141, 140, 135

116, 114, 110

91, 90, 85

68, 66, 62

46, 44, 40

25, 24, 20

0, 0, 0

223, 221, 216

223, 215, 194

223, 208, 171

223, 202, 149

223, 196, 127

223, 189, 104

223, 183, 82

223, 176, 60

223, 170, 38

223, 164, 15

223, 221, 216

223, 227, 238

223, 234, 255

223, 240, 255

223, 246, 255

223, 253, 255

223, 255, 255

Harmonies

Analogous

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

225, 220, 217

223, 221, 216

220, 222, 217

Triad

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

223, 221, 216

215, 223, 224

225, 220, 223

Complementary

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

223, 221, 216

216, 218, 223

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.

222, 220, 225

223, 221, 216

216, 222, 226

Square

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

223, 221, 216

215, 223, 221

219, 221, 226

227, 219, 221

Rectangle

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

223, 221, 216

218, 222, 218

219, 221, 226

224, 220, 224

Sweetspot

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

223, 221, 216

255, 254, 252

223, 216, 218

128, 127, 126

0, 0, 0

128, 128, 128

Same Dimension

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

223, 221, 216

255, 252, 245

222, 223, 216

112, 111, 107

176, 126, 0

48, 35, 0

Inverse Universe

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

216, 218, 223

245, 248, 255

217, 216, 223

107, 108, 112

0, 50, 176

0, 14, 48

Previews

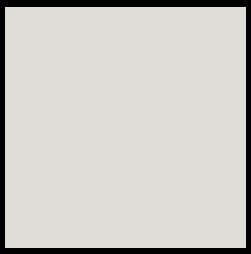
White Background

This preview shows how the RGB color 223, 221, 216 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



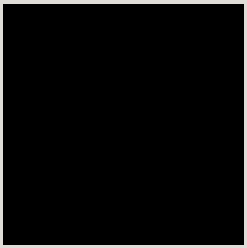
This preview shows how the RGB color 223, 221, 216 looks on a black background.

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 223, 221, 216 Background



This preview shows how black text looks on a background with the RGB color 223, 221, 216.

This preview shows how white text looks on a background with the RGB color 223, 221, 216.

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
223, 221, 216

Protanopia
226, 220, 215

Deuteranopia
244, 214, 217

Tritanopia
226, 218, 235

Trichromacy

Original Color
223, 221, 216

Protanomaly
225, 220, 215

Deuteranomaly
236, 217, 217

Tritanomaly
225, 219, 228

Monochromacy

Original Color
223, 221, 216

Achromatopsia
221, 221, 221

Achromatomaly
222, 221, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 221, 216 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(223, 221, 216) looks like.

```
.text, #text, p{
    color:rgb(223, 221, 216)
}
```

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(223, 221, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 216) }
```

Border

The CSS property to change the border of an element to RGB 223, 221, 216 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(223, 221, 216) }
```

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

```
.border{ border-color:rgb(223, 221, 216) }
```

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

Here you see how a box with a 4 pixel rgb(223, 221, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 221, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 221, 216); box-shadow:4px 4px 4px 4px rgb(223, 221, 216) }
```

Background

The CSS property to change the background color of an element to RGB 223, 221, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(223, 221, 216) }
```

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

```
.background{ background-color:rgb(223,
221, 216) }
```

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