Converting Colors

RGB(234, 229, 222)

Have a look what the booklet for RGB(234, 229, 222) contains.

Color

RGB(234, 229, 222)

Conversions

Format	Color
Hex	EAE5DE
RGB	234, 229, 222
RGB Percent	92%, 90%, 87%
CMY	0.0824, 0.1020, 0.1294
CMYK	0.00, 0.02, 0.05, 0.08
HSL	35°, 22%, 89%
HSV	35°, 5%, 92%
XYZ	75.1358, 78.8050, 80.3580
YIQ	229.6970, 5.2270, -1.1170

Conversions Part 1

Conversions

Conversions Part 2

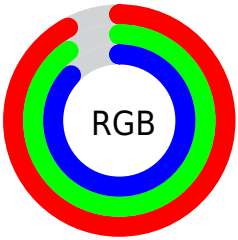
Format	Color
RYB	231, 234, 222
Decimal	15394270
CIELab	91.15, 0.48, 3.99
CIELCh	91, 4.024, 83.141
Yxy	78.8050, 0.3207, 0.3363
Android (android.graphics.Color)	4293584350 (0xFFEAE5DE)
YUV	229.6970, -3.7946, 3.7737
Hunter-Lab	88.7722, -4.2708, 8.4702

Details

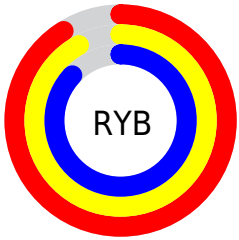
The RGB color 234, 229, 222 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 222, 227, 234, and the grayscale version is 230, 230, 230.

A 20% lighter version of the original color is 255, 255, 255, and 178, 174, 167 is the 20% darker color. If you saturate the color by 10%, you get 234, 219, 199, and if you desaturate by 10%, it is 234, 239, 245.

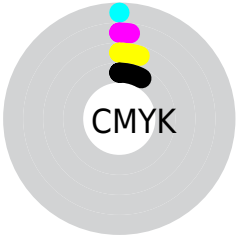
Distribution



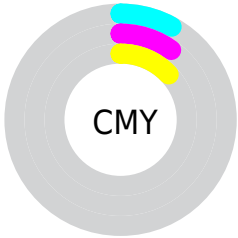
- Red (92%)
- Green (90%)
- Blue (87%)



- Red (91%)
- Yellow (92%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 229, 222 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 234, 229, 222 by changing the saturation by 10% instead.

234, 229, 222

255, 255, 255

234, 229, 222

206, 201, 194

178, 174, 167

152, 147, 141

126, 121, 115

101, 97, 91

77, 73, 67

54, 50, 45

33, 29, 24

8, 4, 0

234, 229, 222

234, 219, 199

234, 210, 175

234, 200, 152

234, 190, 128

234, 180, 105

234, 171, 82

234, 161, 58

234, 151, 35

234, 141, 11

234, 229, 222

234, 239, 245

234, 248, 255

234, 255, 255

Harmonies

Analogous

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

237, 228, 224

234, 229, 222

230, 230, 222

Triad

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

234, 229, 222

220, 232, 232

234, 228, 234

Complementary

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

234, 229, 222

222, 227, 234

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.

229, 229, 237

234, 229, 222

222, 231, 236

Square

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

234, 229, 222

222, 232, 229

225, 230, 237

237, 227, 231

Rectangle

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

234, 229, 222

227, 231, 224

225, 230, 237

233, 228, 235

Sweetspot

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

234, 229, 222

255, 253, 250

234, 222, 227

128, 126, 125

0, 0, 0

128, 128, 128

Same Dimension

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

234, 229, 222

255, 249, 240

233, 234, 222

117, 114, 109

181, 106, 0

54, 31, 0

Inverse Universe

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

222, 227, 234

240, 246, 255

223, 222, 234

109, 113, 117

0, 75, 181

0, 22, 54

Previews

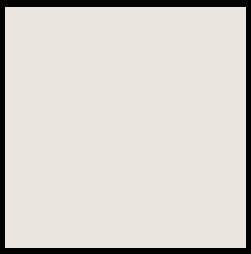
White Background

This preview shows how the RGB color 234, 229, 222 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



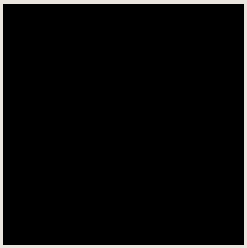
This preview shows how the RGB color 234, 229, 222 looks on a black background.

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 234, 229, 222 Background



This preview shows how black text looks on a background with the RGB color 234, 229, 222.

This preview shows how white text looks on a background with the RGB color 234, 229, 222.

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
234, 229, 222

Protanopia
235, 229, 222

Deuteranopia
254, 222, 223

Tritanopia
237, 226, 244

Trichromacy

Original Color
234, 229, 222

Protanomaly
235, 229, 222

Deuteranomaly
247, 225, 223

Tritanomaly
236, 227, 236

Monochromacy

Original Color
234, 229, 222

Achromatopsia
230, 230, 230

Achromatomaly
231, 230, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 229, 222 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(234, 229, 222) looks like.

```
.text, #text, p{
    color:rgb(234, 229, 222)
}
```

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(234, 229, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 229, 222) }
```

Border

The CSS property to change the border of an element to RGB 234, 229, 222 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(234, 229, 222) }
```

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

```
.border{ border-color:rgb(234, 229, 222) }
```

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

Here you see how a box with a 4 pixel rgb(234, 229, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 229, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 229, 222); box-shadow:4px 4px 4px 4px rgb(234, 229, 222) }
```

Background

The CSS property to change the background color of an element to RGB 234, 229, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(234, 229, 222) }
```

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

```
.background{ background-color:rgb(234,
229, 222) }
```

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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