Converting Colors

RGB(232, 234, 209)

Have a look what the booklet for RGB(232, 234, 209) contains.

Color

RGB(232, 234, 209)

Conversions

Conversions Part 1

Format	Color
Hex	E8EAD1
RGB	232, 234, 209
RGB Percent	91%, 92%, 82%
CMY	0.0902, 0.0824, 0.1804
CMYK	0.01, 0.00, 0.11, 0.08
HSL	65°, 37%, 87%
HSV	65°, 11%, 92%
XYZ	74.2102, 80.6049, 71.9686
YIQ	230.5520, 6.8330, -8.1990

Conversions

Conversions Part 2

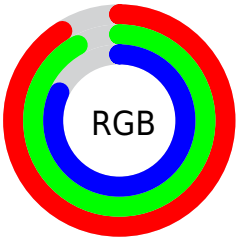
Format	Color
RYB	209, 234, 211
Decimal	15264465
CIELab	91.96, -4.92, 11.91
CIELCh	92, 12.887, 112.422
Yxy	80.6049, 0.3272, 0.3554
Android (android.graphics.Color)	4293454545 (0xFFE8EAD1)
YUV	230.5520, -10.6251, 1.2699
Hunter-Lab	89.7802, -9.5716, 15.3188

Details

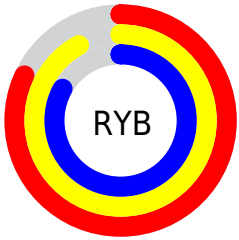
The RGB color 232, 234, 209 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 211, 209, 234, and the grayscale version is 231, 231, 231.

A 20% lighter version of the original color is 255, 255, 255, and 176, 178, 155 is the 20% darker color. If you saturate the color by 10%, you get 230, 234, 186, and if you desaturate by 10%, it is 234, 234, 232.

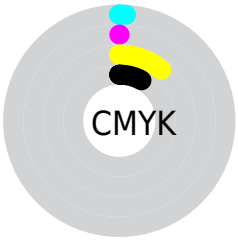
Distribution



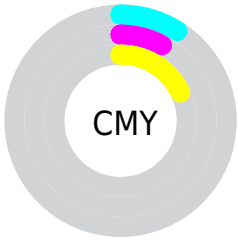
- Red (91%)
- Green (92%)
- Blue (82%)



- Red (82%)
- Yellow (92%)
- Blue (83%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 234, 209 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 232, 234, 209 by changing the saturation by 10% instead.

232, 234, 209

255, 255, 255

232, 234, 209

204, 206, 181

176, 178, 155

150, 152, 129

124, 126, 103

99, 101, 79

75, 77, 56

52, 54, 35

31, 33, 14

0, 11, 0

232, 234, 209

230, 234, 186

228, 234, 162

226, 234, 139

225, 234, 115

223, 234, 92

221, 234, 69

219, 234, 45

217, 234, 22

215, 234, 0

232, 234, 209

234, 234, 232

236, 234, 255

238, 234, 255

239, 234, 255

241, 234, 255

243, 234, 255

245, 234, 255

247, 234, 255

249, 234, 255

Harmonies

Analogous

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

246, 230, 208

232, 234, 209

218, 237, 217

Triad

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

232, 234, 209

204, 237, 251

255, 224, 236

Complementary

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

232, 234, 209

211, 209, 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.

245, 226, 247

232, 234, 209

215, 234, 255

Square

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

232, 234, 209

201, 239, 241

231, 230, 255

255, 224, 223

Rectangle

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

232, 234, 209

210, 239, 224

231, 230, 255

253, 224, 240

Sweetspot

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

232, 234, 209

254, 255, 247

234, 211, 209

127, 128, 122

0, 0, 0

128, 128, 128

Same Dimension

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

232, 234, 209

252, 255, 222

220, 234, 209

116, 117, 106

167, 181, 0

49, 54, 0

Inverse Universe

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

211, 209, 234

225, 222, 255

223, 209, 234

107, 106, 117

14, 0, 181

4, 0, 54

Previews

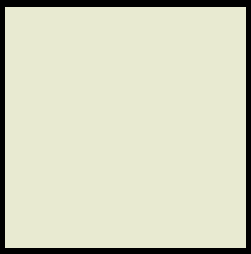
White Background

This preview shows how the RGB color 232, 234, 209 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



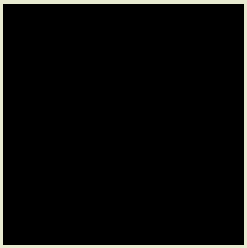
This preview shows how the RGB color 232, 234, 209 looks on a black background.

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 232, 234, 209 Background



This preview shows how black text looks on a background with the RGB color 232, 234, 209.

This preview shows how white text looks on a background with the RGB color 232, 234, 209.

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
232, 234, 209

Protanopia
242, 231, 207

Deuteranopia
255, 226, 216

Tritanopia
237, 229, 247

Trichromacy

Original Color
232, 234, 209

Protanomaly
238, 232, 208

Deuteranomaly
247, 229, 213

Tritanomaly
235, 231, 233

Monochromacy

Original Color
232, 234, 209

Achromatopsia
231, 231, 231

Achromatomaly
231, 232, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 234, 209 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(232, 234, 209) looks like.

```
.text, #text, p{
    color:rgb(232, 234, 209)
}
```

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(232, 234, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 234, 209) }
```

Border

The CSS property to change the border of an element to RGB 232, 234, 209 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(232, 234, 209) }
```

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

```
.border{ border-color:rgb(232, 234, 209) }
```

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

Here you see how a box with a 4 pixel rgb(232, 234, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 234, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 234, 209); box-shadow:4px 4px 4px 4px rgb(232, 234, 209) }
```

Background

The CSS property to change the background color of an element to RGB 232, 234, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(232, 234, 209) }
```

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

```
.background{ background-color:rgb(232,
234, 209) }
```

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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