Converting Colors

RGB(232, 232, 224)

Have a look what the booklet for RGB(232, 232, 224) contains.

Color

RGB(232, 232, 224)

Conversions

Format	Color
Hex	E8E8E0
RGB	232, 232, 224
RGB Percent	91%, 91%, 88%
CMY	0.0902, 0.0902, 0.1216
CMYK	0.00, 0.00, 0.03, 0.09
HSL	60°, 15%, 89%
HSV	60°, 3%, 91%
XYZ	75.5899, 80.2508, 82.0270
YIQ	231.0880, 2.5680, -2.4880

Conversions Part 1

Conversions

Conversions Part 2

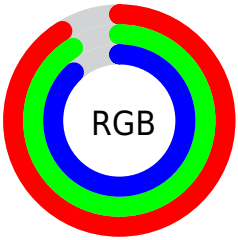
Format	Color
RYB	224, 232, 224
Decimal	15263968
CIELab	91.80, -1.40, 3.88
CIELCh	92, 4.120, 109.830
Yxy	80.2508, 0.3178, 0.3374
Android (android.graphics.Color)	4293454048 (0xFFE8E8E0)
YUV	231.0880, -3.4944, 0.7998
Hunter-Lab	89.5828, -6.1519, 8.4188

Details

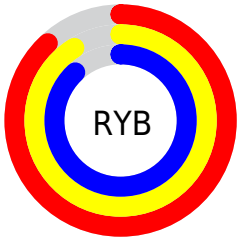
The RGB color 232, 232, 224 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 224, 224, 232, and the grayscale version is 231, 231, 231.

A 20% lighter version of the original color is 255, 255, 255, and 176, 176, 169 is the 20% darker color. If you saturate the color by 10%, you get 232, 232, 201, and if you desaturate by 10%, it is 232, 232, 247.

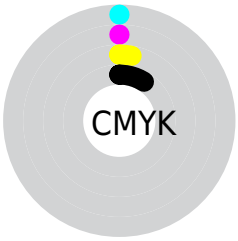
Distribution



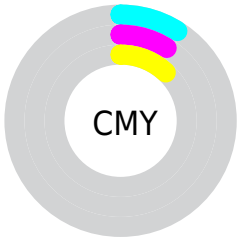
- Red (91%)
- Green (91%)
- Blue (88%)



- Red (88%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 232, 224 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, 232, 224 by changing the saturation by 10% instead.

232, 232, 224

255, 255, 255

232, 232, 224

204, 204, 196

176, 176, 169

150, 150, 142

124, 124, 117

99, 99, 92

75, 75, 69

53, 53, 46

31, 31, 26

6, 7, 0

232, 232, 224

232, 232, 201

232, 232, 178

232, 232, 154

232, 232, 131

232, 232, 108

232, 232, 85

232, 232, 62

232, 232, 38

232, 232, 15

232, 232, 224

232, 232, 247

232, 232, 255

Harmonies

Analogous

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

236, 231, 224

232, 232, 224

227, 233, 226

Triad

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

232, 232, 224

223, 233, 237

239, 229, 233

Complementary

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

232, 232, 224

224, 224, 232

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.

235, 230, 237

232, 232, 224

226, 232, 239

Square

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

232, 232, 224

222, 234, 234

231, 231, 239

240, 229, 229

Rectangle

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

232, 232, 224

225, 234, 229

231, 231, 239

238, 229, 234

Sweetspot

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

232, 232, 224

255, 255, 252

232, 224, 224

128, 128, 126

0, 0, 0

128, 128, 128

Same Dimension

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

232, 232, 224

255, 255, 245

228, 232, 224

115, 115, 109

179, 179, 0

51, 51, 0

Inverse Universe

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

224, 224, 232

245, 245, 255

228, 224, 232

109, 109, 115

0, 0, 179

0, 0, 51

Previews

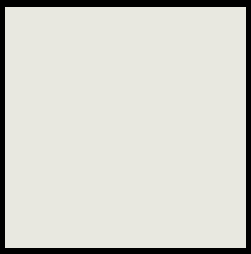
White Background

This preview shows how the RGB color 232, 232, 224 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



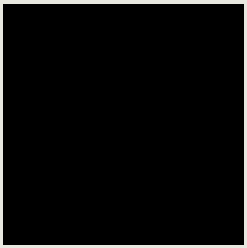
This preview shows how the RGB color 232, 232, 224 looks on a black background.

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, 232, 224 Background



This preview shows how black text looks on a background with the RGB color 232, 232, 224.

This preview shows how white text looks on a background with the RGB color 232, 232, 224.

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, 232, 224

Protanopia
237, 230, 223

Deuteranopia
255, 224, 226

Tritanopia
235, 229, 247

Trichromacy

Original Color
232, 232, 224

Protanomaly
235, 231, 223

Deuteranomaly
247, 227, 225

Tritanomaly
234, 230, 239

Monochromacy

Original Color
232, 232, 224

Achromatopsia
231, 231, 231

Achromatomaly
231, 231, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 232, 224 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, 232, 224) looks like.

```
.text, #text, p{
    color:rgb(232, 232, 224)
}
```

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, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 232, 224) }
```

Border

The CSS property to change the border of an element to RGB 232, 232, 224 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, 232, 224) }
```

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

```
.border{ border-color:rgb(232, 232, 224) }
```

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

Here you see how a box with a 4 pixel rgb(232, 232, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 232, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 232, 224); box-shadow:4px 4px 4px 4px rgb(232, 232, 224) }
```

Background

The CSS property to change the background color of an element to RGB 232, 232, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(232, 232, 224) }
```

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

```
.background{ background-color:rgb(232,
232, 224) }
```

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.

Follow me on Twitter!

@ConvertingColor