Converting Colors

RGB(230, 232, 215)

Have a look what the booklet for RGB(230, 232, 215) contains.

Color

RGB(230, 232, 215)

Conversions

Format	Color
Hex	E6E8D7
RGB	230, 232, 215
RGB Percent	90%, 91%, 84%
CMY	0.0980, 0.0902, 0.1569
CMYK	0.01, 0.00, 0.07, 0.09
HSL	67°, 27%, 88%
HSV	67°, 7%, 91%
XYZ	73.7555, 79.4425, 75.7366
YIQ	229.4640, 4.2650, -5.7110

Conversions Part 1

Conversions

Conversions Part 2

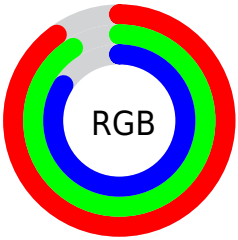
Format	Color
RYB	215, 232, 217
Decimal	15132887
CIELab	91.43, -3.61, 8.03
CIELCh	91, 8.800, 114.221
Yxy	79.4425, 0.3222, 0.3470
Android (android.graphics.Color)	4293322967 (0xFFE6E8D7)
YUV	229.4640, -7.1308, 0.4701
Hunter-Lab	89.1305, -8.2697, 12.0111

Details

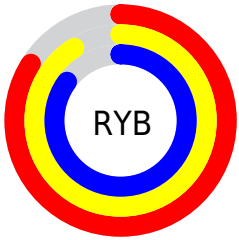
The RGB color 230, 232, 215 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 217, 215, 232, and the grayscale version is 230, 230, 230.

A 20% lighter version of the original color is 255, 255, 255, and 174, 176, 160 is the 20% darker color. If you saturate the color by 10%, you get 227, 232, 192, and if you desaturate by 10%, it is 233, 232, 238.

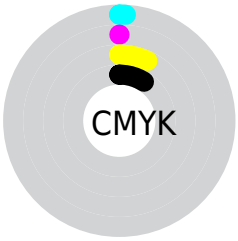
Distribution



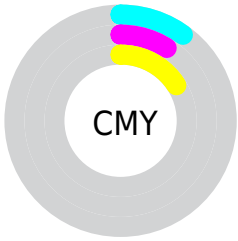
- Red (90%)
- Green (91%)
- Blue (84%)



- Red (84%)
- Yellow (91%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 232, 215 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 230, 232, 215 by changing the saturation by 10% instead.

230, 232, 215

255, 255, 255

230, 232, 215

202, 204, 187

174, 176, 160

148, 150, 134

122, 124, 109

97, 99, 85

73, 75, 61

51, 53, 40

30, 31, 19

0, 8, 0

230, 232, 215

227, 232, 192

225, 232, 169

222, 232, 145

219, 232, 122

216, 232, 99

214, 232, 76

211, 232, 53

208, 232, 29

205, 232, 6

230, 232, 215

233, 232, 238

235, 232, 255

238, 232, 255

241, 232, 255

244, 232, 255

246, 232, 255

249, 232, 255

252, 232, 255

255, 232, 255

Harmonies

Analogous

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

239, 229, 214

230, 232, 215

220, 234, 220

Triad

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

230, 232, 215

213, 234, 244

247, 225, 232

Complementary

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

230, 232, 215

217, 215, 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.

240, 226, 240

230, 232, 215

220, 232, 247

Square

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

230, 232, 215

210, 235, 237

230, 229, 246

249, 225, 224

Rectangle

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

230, 232, 215

215, 235, 226

230, 229, 246

245, 225, 235

Sweetspot

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

230, 232, 215

254, 255, 250

232, 217, 215

127, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

230, 232, 215

252, 255, 232

222, 232, 215

113, 115, 103

158, 179, 0

45, 51, 0

Inverse Universe

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

217, 215, 232

235, 232, 255

225, 215, 232

105, 103, 115

21, 0, 179

6, 0, 51

Previews

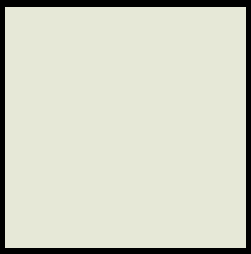
White Background

This preview shows how the RGB color 230, 232, 215 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



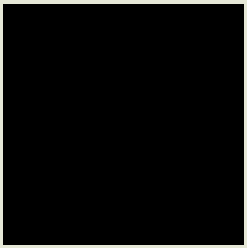
This preview shows how the RGB color 230, 232, 215 looks on a black background.

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 230, 232, 215 Background



This preview shows how black text looks on a background with the RGB color 230, 232, 215.

This preview shows how white text looks on a background with the RGB color 230, 232, 215.

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
230, 232, 215

Protanopia
238, 229, 214

Deuteranopia
255, 223, 218

Tritanopia
235, 227, 245

Trichromacy

Original Color
230, 232, 215

Protanomaly
235, 230, 214

Deuteranomaly
246, 226, 217

Tritanomaly
233, 229, 234

Monochromacy

Original Color
230, 232, 215

Achromatopsia
229, 229, 229

Achromatomaly
229, 230, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 232, 215 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(230, 232, 215) looks like.

```
.text, #text, p{
    color:rgb(230, 232, 215)
}
```

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(230, 232, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 232, 215) }
```

Border

The CSS property to change the border of an element to RGB 230, 232, 215 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(230, 232, 215) }
```

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

```
.border{ border-color:rgb(230, 232, 215) }
```

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

Here you see how a box with a 4 pixel rgb(230, 232, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 232, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 232, 215); box-shadow:4px 4px 4px 4px rgb(230, 232, 215) }
```

Background

The CSS property to change the background color of an element to RGB 230, 232, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(230, 232, 215) }
```

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

```
.background{ background-color:rgb(230,
232, 215) }
```

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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