Converting Colors

RGB(235, 237, 222)

Have a look what the booklet for RGB(235, 237, 222) contains.

Color

RGB(235, 237, 222)

Conversions

Format	Color
Hex	EBEDDE
RGB	235, 237, 222
RGB Percent	92%, 93%, 87%
CMY	0.0784, 0.0706, 0.1294
CMYK	0.01, 0.00, 0.06, 0.07
HSL	68°, 29%, 90%
HSV	68°, 6%, 93%
XYZ	77.7300, 83.5045, 81.1284
YIQ	234.6920, 3.6230, -5.0890

Conversions Part 1

Conversions

Conversions Part 2

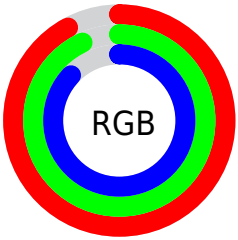
Format	Color
RYB	222, 237, 224
Decimal	15461854
CIELab	93.23, -3.26, 7.02
CIELCh	93, 7.742, 114.925
Yxy	83.5045, 0.3207, 0.3445
Android (android.graphics.Color)	4293651934 (0xFFEBEDDE)
YUV	234.6920, -6.2572, 0.2701
Hunter-Lab	91.3808, -8.0814, 11.3285

Details

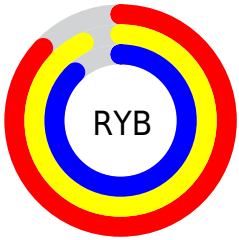
The RGB color 235, 237, 222 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 224, 222, 237, and the grayscale version is 235, 235, 235.

A 20% lighter version of the original color is 255, 255, 255, and 179, 181, 167 is the 20% darker color. If you saturate the color by 10%, you get 232, 237, 198, and if you desaturate by 10%, it is 238, 237, 246.

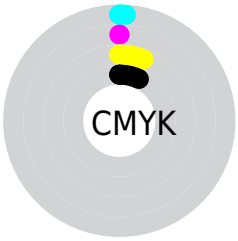
Distribution



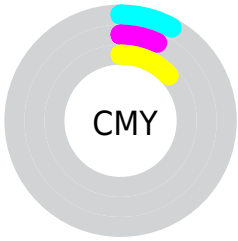
- Red (92%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 237, 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 235, 237, 222 by changing the saturation by 10% instead.

235, 237, 222

255, 255, 255

235, 237, 222

207, 209, 194

179, 181, 167

152, 154, 141

127, 128, 115

102, 103, 90

78, 79, 67

55, 57, 45

33, 35, 24

10, 13, 0

235, 237, 222

232, 237, 198

229, 237, 175

226, 237, 151

222, 237, 127

219, 237, 103

216, 237, 80

213, 237, 56

210, 237, 32

207, 237, 9

235, 237, 222

238, 237, 246

241, 237, 255

244, 237, 255

248, 237, 255

251, 237, 255

254, 237, 255

255, 237, 255

Harmonies

Analogous

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

243, 235, 221

235, 237, 222

226, 239, 227

Triad

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

235, 237, 222

220, 239, 247

250, 231, 237

Complementary

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

235, 237, 222

224, 222, 237

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.

244, 232, 244

235, 237, 222

227, 237, 250

Square

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

235, 237, 222

218, 240, 242

236, 234, 249

252, 231, 230

Rectangle

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

235, 237, 222

222, 240, 231

236, 234, 249

249, 231, 240

Sweetspot

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

235, 237, 222

254, 255, 250

237, 224, 222

127, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

235, 237, 222

252, 255, 235

227, 237, 222

116, 117, 106

157, 181, 0

46, 54, 0

Inverse Universe

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

224, 222, 237

237, 235, 255

232, 222, 237

107, 106, 117

24, 0, 181

7, 0, 54

Previews

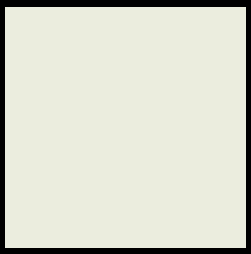
White Background

This preview shows how the RGB color 235, 237, 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



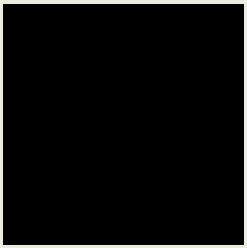
This preview shows how the RGB color 235, 237, 222 looks on a black background.

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 235, 237, 222 Background



This preview shows how black text looks on a background with the RGB color 235, 237, 222.

This preview shows how white text looks on a background with the RGB color 235, 237, 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
235, 237, 222

Protanopia
243, 235, 221

Deuteranopia
255, 230, 227

Tritanopia
239, 233, 251

Trichromacy

Original Color
235, 237, 222

Protanomaly
240, 236, 221

Deuteranomaly
248, 233, 225

Tritanomaly
238, 234, 240

Monochromacy

Original Color
235, 237, 222

Achromatopsia
235, 235, 235

Achromatomaly
235, 236, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 237, 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(235, 237, 222) looks like.

```
.text, #text, p{
    color:rgb(235, 237, 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(235, 237, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 237, 222) }
```

Border

The CSS property to change the border of an element to RGB 235, 237, 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(235, 237, 222) }
```

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

```
.border{ border-color:rgb(235, 237, 222) }
```

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

Here you see how a box with a 4 pixel rgb(235, 237, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 237, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 237, 222); box-shadow:4px 4px 4px 4px rgb(235, 237, 222) }
```

Background

The CSS property to change the background color of an element to RGB 235, 237, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(235, 237, 222) }
```

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

```
.background{ background-color:rgb(235,
237, 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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