

Converting Colors

RGB(237, 232, 231)

Have a look what the booklet for
RGB(237, 232, 231) contains.

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Color

RGB(237, 232, 231)

Conversions

Conversions Part 1

Format	Color
Hex	EDE8E7
RGB	237, 232, 231
RGB Percent	93%, 91%, 91%
CMY	0.0706, 0.0902, 0.0941
CMYK	0.00, 0.02, 0.03, 0.07
HSL	10°, 14%, 92%
HSV	10°, 3%, 93%
XYZ	78.2055, 81.4873, 87.2081
YIQ	233.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

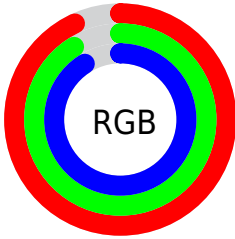
Format	Color
R_{YB}	237, 232, 231
Decimal	15591655
CIE Lab	92.35, 1.51, 1.07
CIE LCh	92, 1.852, 35.334
Yxy	81.4873, 0.3167, 0.3300
Android (android.graphics.Color)	4293781735 (0xFFE8E7)
YUV	233.3810, -1.1738, 3.1739
Hunter-Lab	90.2703, -3.3300, 5.9105

Details

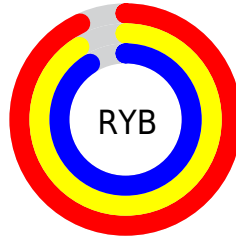
The RGB color **237, 232, 231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **231, 236, 237**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **181, 176, 175** is the 20% darker color. If you saturate the color by 10%, you get **237, 212, 207**, and if you desaturate by 10%, it is **237, 252, 255**.

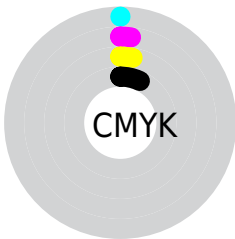
Distribution



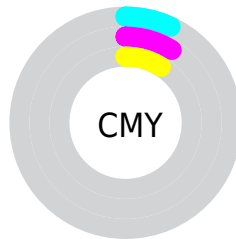
- Red (93%)
- Green (91%)
- Blue (91%)



- Red (93%)
- Yellow (91%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 232, 231 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 237, 232, 231 by changing the saturation by 10% instead.

■ 237, 232, 231

255, 255, 255

■ 237, 232, 231

■ 209, 204, 203

■ 181, 176, 175

■ 154, 150, 149

■ 128, 124, 123

■ 103, 99, 98

■ 79, 75, 74

■ 56, 53, 52

■ 35, 31, 31


■ 13, 7, 6

 237, 232, 231


 237, 232, 231


 237, 212, 207


 237, 252, 255

 237, 192, 184

 237, 255, 255

 237, 173, 160

 237, 153, 136

 237, 133, 112

 237, 113, 89

 237, 94, 65

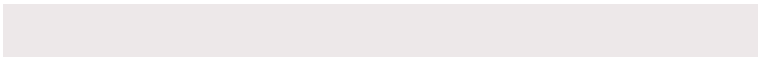
 237, 74, 41

 237, 54, 18

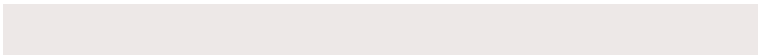
Harmonies

Analogous

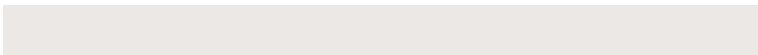
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237, 232, 233



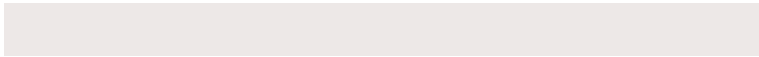
237, 232, 231



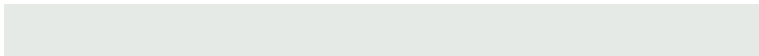
236, 232, 230

Triad

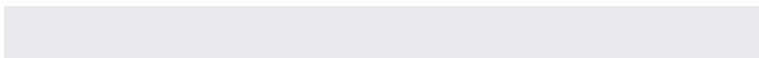
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237, 232, 231



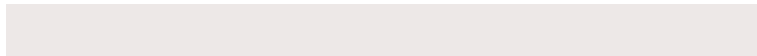
230, 234, 231



232, 233, 237

Complementary

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



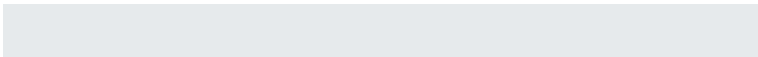
237, 232, 231



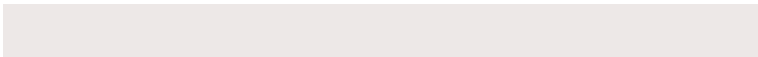
231, 236, 237

Split Complementary

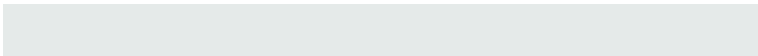
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 234, 236



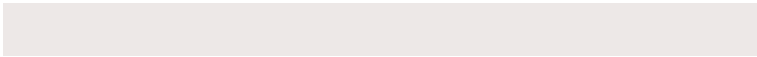
237, 232, 231



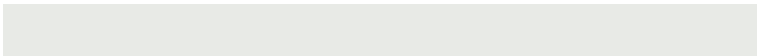
229, 234, 233

Square

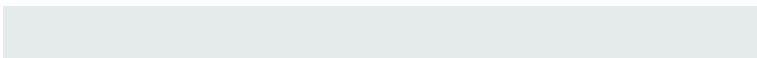
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



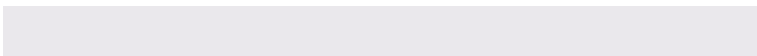
237, 232, 231



232, 234, 230



229, 234, 235



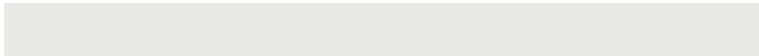
234, 232, 236

Rectangle

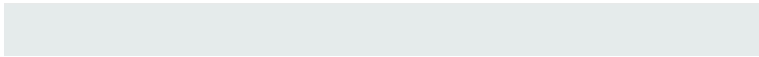
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



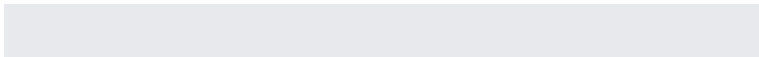
237, 232, 231



235, 233, 229



229, 234, 235



231, 233, 236

Sweetspot

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



237, 232, 231



255, 253, 252



237, 231, 236



128, 126, 126



0, 0, 0



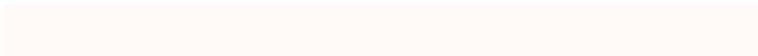
128, 128, 128

Same Dimension

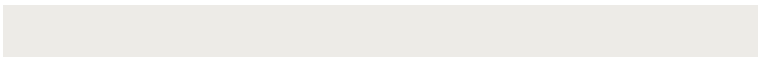
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237, 232, 231



255, 249, 247



237, 235, 231



117, 113, 113



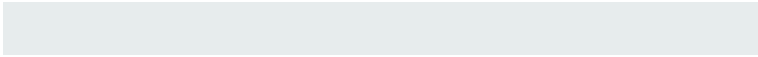
181, 30, 0



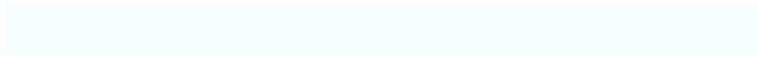
54, 9, 0

Inverse Universe

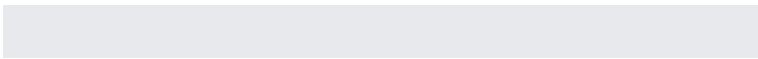
The Inverse Universe completely reimagines the original color for something new.



231, 236, 237



247, 254, 255



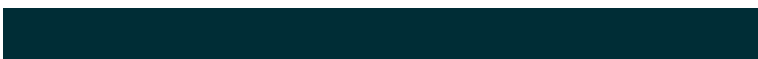
231, 233, 237



113, 117, 117



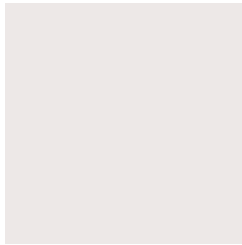
0, 151, 181



0, 45, 54

Previews

White Background



This preview shows how the RGB color 237, 232, 231 looks on a white background.

Color Contrast Check

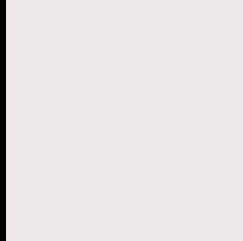
Large Text (above 18pt) WCAG AA × Fail

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 237, 232, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

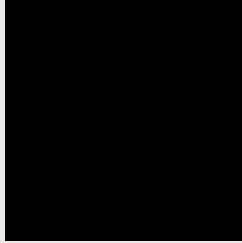
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

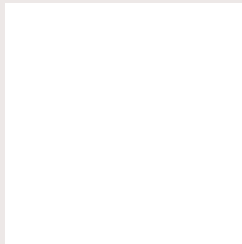
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 237, 232, 231 Background



This preview shows how black text looks on a background with the RGB color 237, 232, 231.

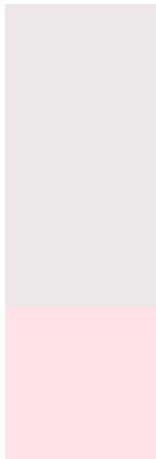


This preview shows how white text looks on a background with the RGB color 237, 232, 231.

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
237, 232, 231

Protanopia
237, 232, 231

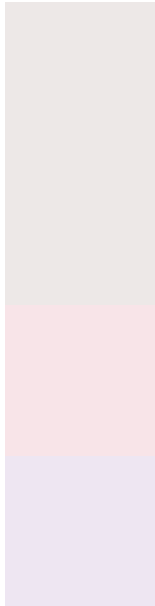
Deuteranopia
255, 226, 232



Tritanopia

239, 229, 248

Trichromacy



Original Color

237, 232, 231

Protanomaly

237, 232, 231

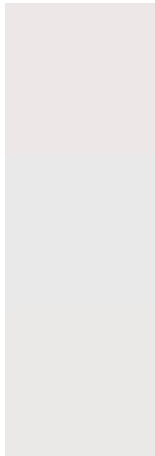
Deuteranomaly

248, 228, 232

Tritanomaly

238, 230, 242

Monochromacy



Original Color

237, 232, 231

Achromatopsia

233, 233, 233

Achromatomaly

234, 233, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 232, 231 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(237, 232, 231) looks like.

```
.text, #text, p{  
    color:rgb(237, 232, 231)  
}
```

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(237, 232, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 232, 231) }
```

Border

The CSS property to change the border of an element to RGB 237, 232, 231 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(237, 232, 231) }
```

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

```
.border{ border-color:rgb(237, 232, 231) }
```

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

Here you see how a box with a 4 pixel rgb(237, 232, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 232, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 232, 231);  
box-shadow:4px 4px 4px 4px rgb(237, 232,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 237, 232, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 232, 231) }
```

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

```
.background{ background-color: rgb(237,  
232, 231) }
```

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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