

Converting Colors

RGB(249, 233, 230)

Have a look what the booklet for
RGB(249, 233, 230) contains.

RGB(249, 233, 230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(249, 233, 230)

Conversions

Conversions Part 1

Format	Color
Hex	F9E9E6
RGB	249, 233, 230
RGB Percent	98%, 91%, 90%
CMY	0.0235, 0.0863, 0.0980
CMYK	0.00, 0.06, 0.08, 0.02
HSL	9°, 61%, 94%
HSV	9°, 8%, 98%
XYZ	82.4888, 84.1307, 86.7541
YIQ	237.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

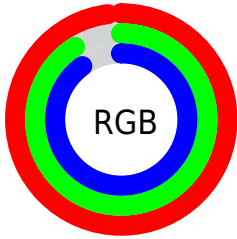
Format	Color
R _Y B	249, 234, 230
Decimal	16378342
CIE Lab	93.51, 4.92, 3.39
CIE LCh	94, 5.974, 34.606
Yxy	84.1307, 0.3256, 0.3320
Android (android.graphics.Color)	4294568422 (0xFF9E9E6)
YUV	237.4420, -3.6689, 10.1364
Hunter-Lab	91.7228, 0.0149, 8.1277

Details

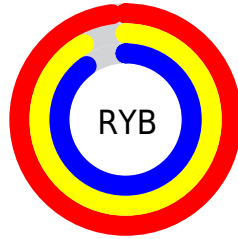
The RGB color **249, 233, 230** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **230, 246, 249**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **193, 177, 175** is the 20% darker color. If you saturate the color by 10%, you get **249, 212, 205**, and if you desaturate by 10%, it is 249, 254, 255.

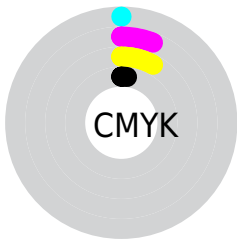
Distribution



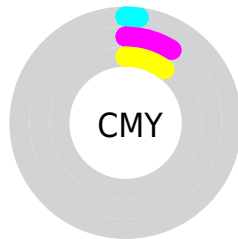
- Red (98%)
- Green (91%)
- Blue (90%)



- Red (98%)
- Yellow (92%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 233, 230 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 249, 233, 230 by changing the saturation by 10% instead.

 249, 233, 230

 249, 233, 230

255, 255, 255

 220, 205, 202


 193, 177, 175

 165, 151, 148

 139, 125, 122

 113, 100, 97

 89, 76, 74

 65, 53, 51

 43, 32, 30

 24, 9, 5

249, 233, 230

249, 233, 230

249, 212, 205

249, 254, 255

249, 191, 180

249, 255, 255

249, 170, 155

249, 149, 130

249, 128, 106

249, 107, 81

249, 86, 56

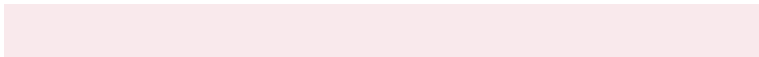
249, 65, 31

249, 44, 6

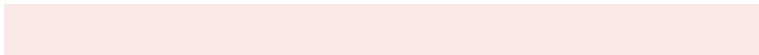
Harmonies

Analogous

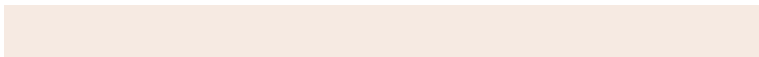
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 233, 236



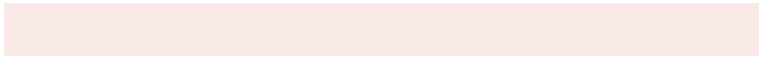
249, 233, 230



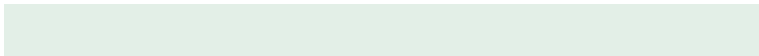
246, 234, 226

Triad

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



249, 233, 230



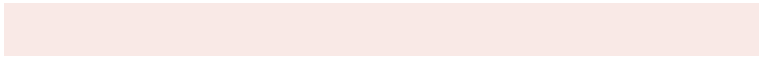
227, 239, 231



232, 236, 248

Complementary

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



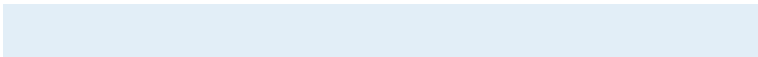
249, 233, 230



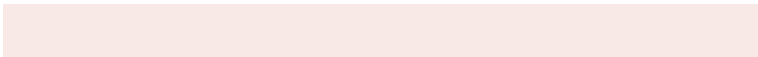
230, 246, 249

Split Complementary

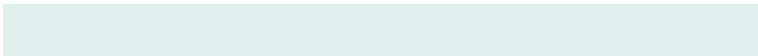
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226, 238, 247



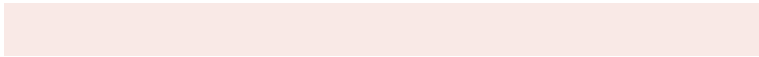
249, 233, 230



223, 240, 237

Square

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



249, 233, 230



234, 238, 227



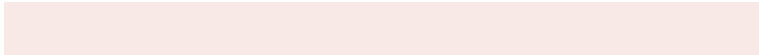
223, 240, 243



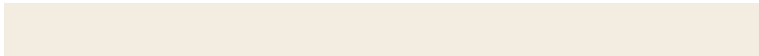
239, 235, 246

Rectangle

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



249, 233, 230



243, 236, 225



223, 240, 243



230, 237, 248

Sweetspot

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



249, 233, 230



255, 251, 250



249, 230, 246



128, 125, 125



0, 0, 0



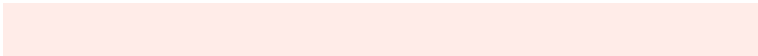
128, 128, 128

Same Dimension

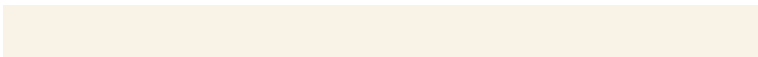
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 233, 230



255, 236, 232



249, 242, 230



125, 114, 112



189, 30, 0



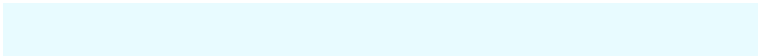
61, 10, 0

Inverse Universe

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



230, 246, 249



232, 251, 255



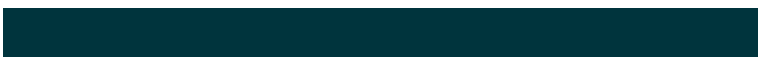
230, 237, 249



112, 123, 125



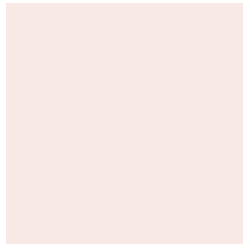
0, 159, 189



0, 52, 61

Previews

White Background



This preview shows how the RGB color 249, 233, 230 looks on a white background.

Color Contrast Check

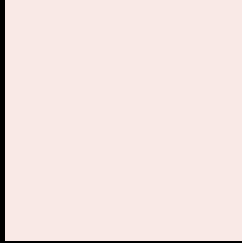
Large Text (above 18pt) WCAG AA × Fail

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 249, 233, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

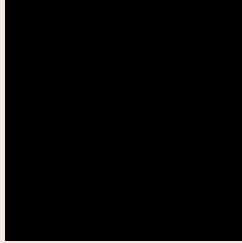
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

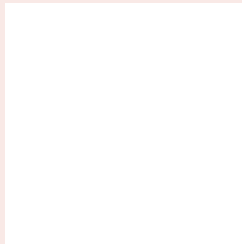
Any Text WCAG AAA ✓ Pass

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

RGB 249, 233, 230 Background



This preview shows how black text looks on a background with the RGB color 249, 233, 230.



This preview shows how white text looks on a background with the RGB color 249, 233, 230.

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

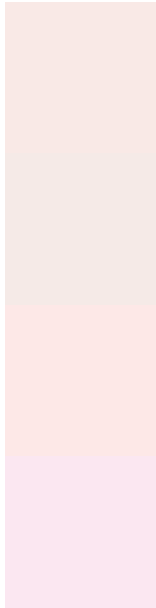
	Original Color 249, 233, 230
	Protanopia 242, 235, 231
	Deuteranopia 255, 231, 232



Tritanopia

252, 230, 248

Trichromacy



Original Color

249, 233, 230

Protanomaly

245, 234, 231

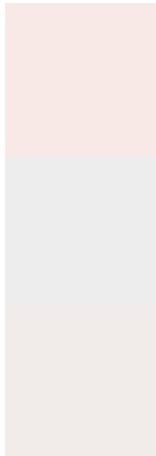
Deuteranomaly

253, 232, 231

Tritanomaly

251, 231, 241

Monochromacy



Original Color

249, 233, 230

Achromatopsia

237, 237, 237

Achromatomaly

241, 236, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 233, 230 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(249, 233, 230) looks like.

```
.text, #text, p{  
    color:rgb(249, 233, 230)  
}
```

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(249, 233, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 233, 230) }
```

Border

The CSS property to change the border of an element to RGB 249, 233, 230 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(249, 233, 230) }
```

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

```
.border{ border-color:rgb(249, 233, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 233, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 233, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 233, 230);  
box-shadow:4px 4px 4px 4px rgb(249, 233,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 249, 233, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 233, 230) }
```

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

```
.background{ background-color: rgb(249,  
233, 230) }
```

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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