

Converting Colors

RGB(249, 233, 216)

Have a look what the booklet for
RGB(249, 233, 216) contains.

RGB(249, 233, 216)	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, 216)

Conversions

Conversions Part 1

Format	Color
Hex	F9E9D8
RGB	249, 233, 216
RGB Percent	98%, 91%, 85%
CMY	0.0235, 0.0863, 0.1529
CMYK	0.00, 0.06, 0.13, 0.02
HSL	31°, 73%, 91%
HSV	31°, 13%, 98%
XYZ	80.6005, 83.3754, 76.8107
YIQ	235.8460, 14.9930, -1.8950

Conversions

Conversions Part 2

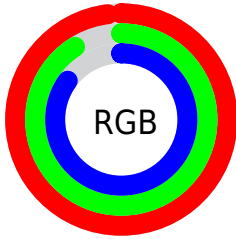
Format	Color
R_{YB}	247, 249, 216
Decimal	16378328
CIE _{Lab}	93.18, 2.67, 10.20
CIE _{LCh}	93, 10.542, 75.349
Yxy	83.3754, 0.3347, 0.3463
Android (android.graphics.Color)	4294568408 (0xFFFF9E9D8)
YUV	235.8460, -9.7841, 11.5361
Hunter-Lab	91.3101, -2.2288, 14.0420

Details

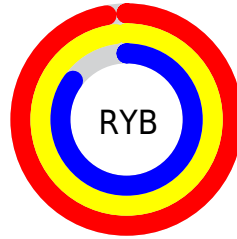
The RGB color **249, 233, 216** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **216, 232, 249**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **192, 177, 161** is the 20% darker color. If you saturate the color by 10%, you get **249, 221, 191**, and if you desaturate by 10%, it is **249, 245, 241**.

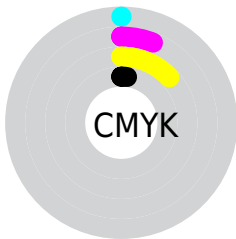
Distribution



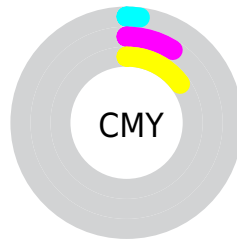
- Red (98%)
- Green (91%)
- Blue (85%)



- Red (97%)
- Yellow (98%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 233, 216 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, 216 by changing the saturation by 10% instead.

 249, 233, 216

255, 255, 255


 249, 233, 216


 220, 205, 188

 192, 177, 161

 165, 151, 135

 139, 125, 110

 113, 100, 85

 88, 76, 62

 65, 53, 40

 42, 32, 20

 21, 9, 0

 249, 233, 216

 249, 233, 216

 249, 221, 191

 249, 245, 241


 249, 209, 166


 249, 255, 255


 249, 197, 141

 249, 185, 116

 249, 173, 92

 249, 161, 67

 249, 148, 42

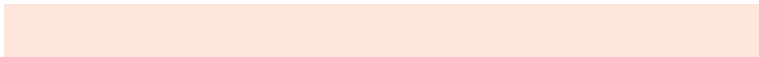
 249, 136, 17

 249, 128, 0

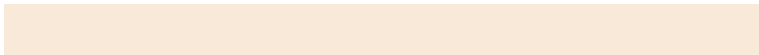
Harmonies

Analogous

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



255, 230, 221



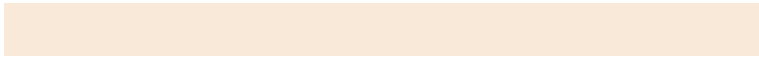
249, 233, 216



238, 236, 216

Triad

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



249, 233, 216



211, 242, 240



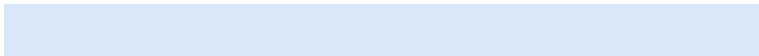
244, 231, 250

Complementary

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



249, 233, 216



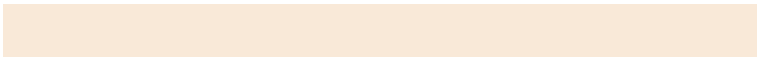
216, 232, 249

Split Complementary

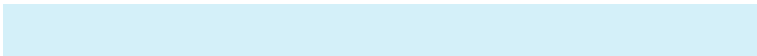
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231, 234, 255



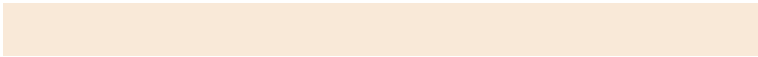
249, 233, 216



212, 240, 249

Square

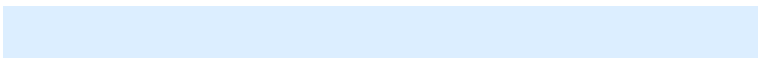
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 233, 216



216, 241, 230



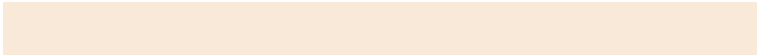
220, 238, 255



253, 229, 241

Rectangle

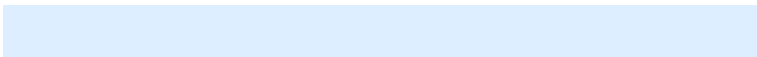
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 233, 216



230, 238, 219



220, 238, 255



240, 232, 252

Sweetspot

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



249, 233, 216



255, 250, 245



249, 216, 233



128, 124, 121



0, 0, 0



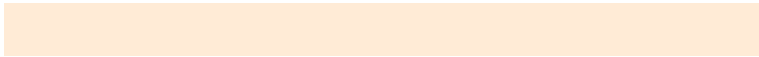
128, 128, 128

Same Dimension

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



249, 233, 216



255, 235, 214



249, 249, 216



125, 119, 112



189, 97, 0



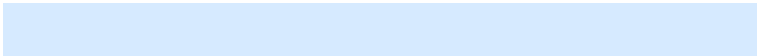
61, 32, 0

Inverse Universe

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



216, 232, 249



214, 234, 255



216, 216, 249



112, 119, 125



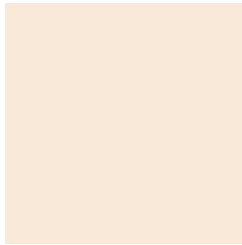
0, 91, 189



0, 30, 61

Previews

White Background



This preview shows how the RGB color 249, 233, 216 looks on a white background.

Color Contrast Check

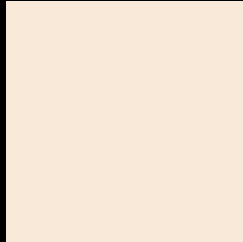
Large Text (above 18pt) WCAG AA × Fail

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, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

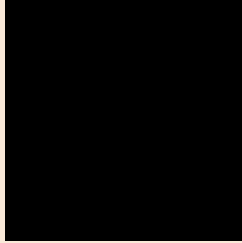
Any Text WCAG AA ✓ Pass

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, 216 Background



This preview shows how black text looks on a background with the RGB color 249, 233, 216.

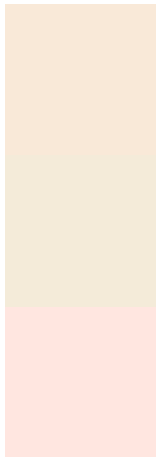


This preview shows how white text looks on a background with the RGB color 249, 233, 216.

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, 216

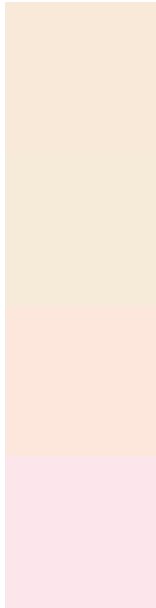
Protanopia
244, 235, 217

Deuteranopia
255, 230, 224



Tritanopia
253, 228, 246

Trichromacy



Original Color

249, 233, 216

Protanomaly

246, 234, 217

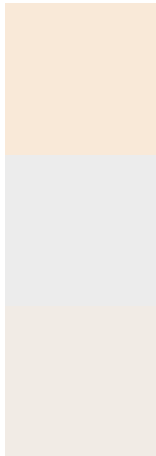
Deuteranomaly

253, 231, 221

Tritanomaly

252, 230, 235

Monochromacy



Original Color

249, 233, 216

Achromatopsia

236, 236, 236

Achromatomaly

241, 235, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 233, 216 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, 216) looks like.

```
.text, #text, p{  
    color:rgb(249, 233, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 233, 216) }
```

Border

The CSS property to change the border of an element to RGB 249, 233, 216 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, 216) }
```

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

```
.border{ border-color:rgb(249, 233, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 233, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 233, 216);  
box-shadow:4px 4px 4px 4px rgb(249, 233,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 249, 233, 216 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, 216) }
```

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

```
.background{ background-color: rgb(249,  
233, 216) }
```

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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