

Converting Colors

RGB(249, 233, 217)

Have a look what the booklet for
RGB(249, 233, 217) contains.

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Color

RGB(249, 233, 217)

Conversions

Conversions Part 1

Format	Color
Hex	F9E9D9
RGB	249, 233, 217
RGB Percent	98%, 91%, 85%
CMY	0.0235, 0.0863, 0.1490
CMYK	0.00, 0.06, 0.13, 0.02
HSL	30°, 73%, 91%
HSV	30°, 13%, 98%
XYZ	80.7302, 83.4273, 77.4938
YIQ	235.9600, 14.6720, -1.5840

Conversions

Conversions Part 2

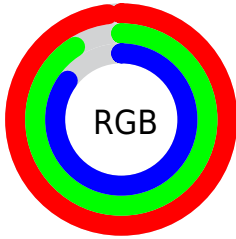
Format	Color
R _Y B	249, 249, 217
Decimal	16378329
CIE Lab	93.20, 2.82, 9.71
CIE LCh	93, 10.114, 73.795
Yxy	83.4273, 0.3341, 0.3452
Android (android.graphics.Color)	4294568409 (0xFFFF9E9D9)
YUV	235.9600, -9.3473, 11.4361
Hunter-Lab	91.3386, -2.0740, 13.6340

Details

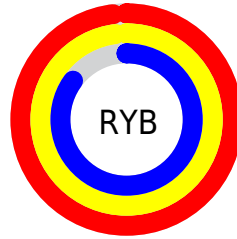
The RGB color **249, 233, 217** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **217, 233, 249**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **192, 177, 162** is the 20% darker color. If you saturate the color by 10%, you get **249, 221, 192**, and if you desaturate by 10%, it is **249, 245, 242**.

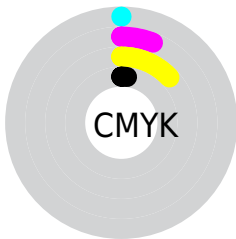
Distribution



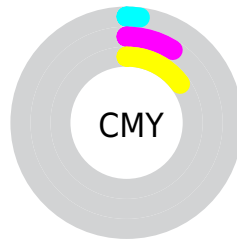
- Red (98%)
- Green (91%)
- Blue (85%)



- Red (98%)
- 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, 217 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, 217 by changing the saturation by 10% instead.

249, 233, 217

255, 255, 255

249, 233, 217

220, 205, 189

192, 177, 162

165, 151, 136

139, 125, 111

113, 100, 86

88, 76, 63

65, 53, 41

42, 32, 21

21, 9, 0

 249, 233, 217

 249, 233, 217

 249, 221, 192

 249, 245, 242


 249, 208, 167


 249, 255, 255

 249, 196, 142

 249, 183, 117

 249, 171, 93

 249, 158, 68

 249, 146, 43

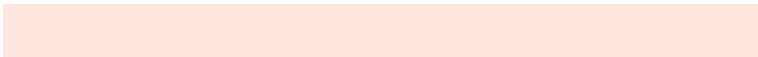
 249, 133, 18

 249, 125, 0

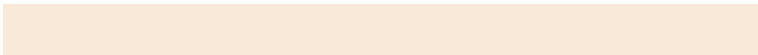
Harmonies

Analogous

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



255, 230, 222



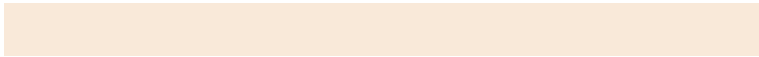
249, 233, 217



239, 236, 217

Triad

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



249, 233, 217



212, 241, 240



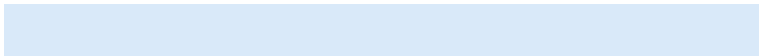
243, 232, 250

Complementary

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



249, 233, 217



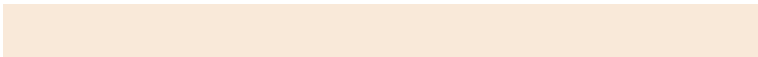
217, 233, 249

Split Complementary

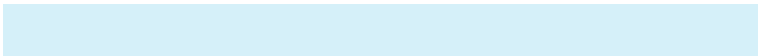
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231, 235, 254



249, 233, 217



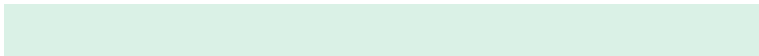
213, 240, 249

Square

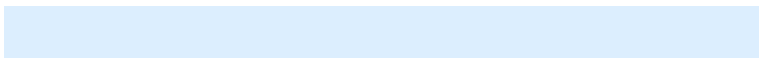
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 233, 217



218, 241, 230



220, 238, 254



252, 230, 241

Rectangle

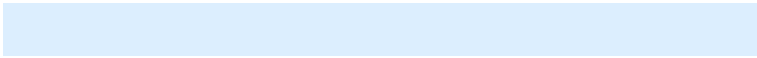
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 233, 217



231, 238, 219



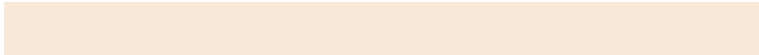
220, 238, 254



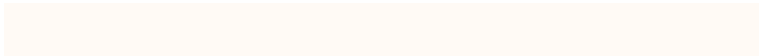
239, 233, 252

Sweetspot

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



249, 233, 217



255, 250, 245



249, 217, 233



128, 124, 121



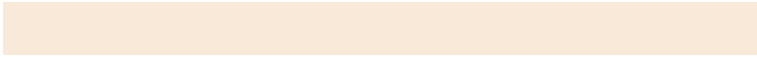
0, 0, 0



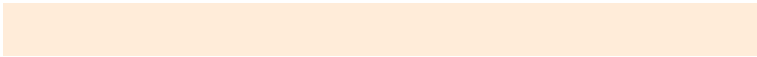
128, 128, 128

Same Dimension

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



249, 233, 217



255, 236, 217



249, 249, 217



125, 119, 112



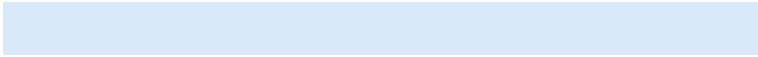
189, 94, 0



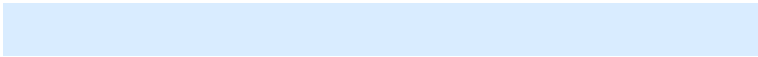
61, 31, 0

Inverse Universe

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



217, 233, 249



217, 236, 255



217, 217, 249



112, 119, 125



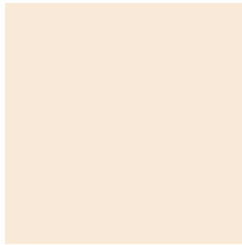
0, 94, 189



0, 31, 61

Previews

White Background



This preview shows how the RGB color 249, 233, 217 looks on a white background.

Color Contrast Check

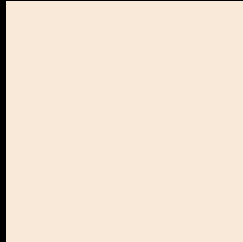
Large Text (above 18pt) WCAG AA × Fail

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, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

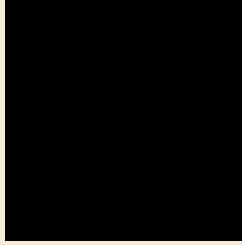
Any Text WCAG AA ✓ Pass

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, 217 Background



This preview shows how black text looks on a background with the RGB color 249, 233, 217.

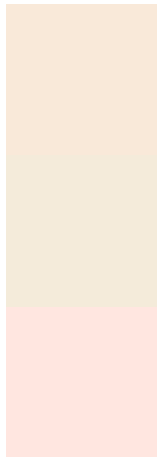


This preview shows how white text looks on a background with the RGB color 249, 233, 217.

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, 217

Protanopia
244, 235, 218

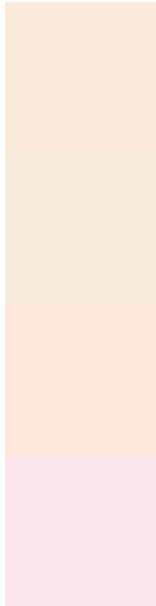
Deuteranopia
255, 230, 224



Tritanopia

253, 229, 247

Trichromacy



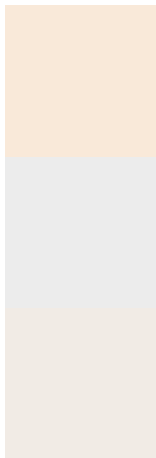
Original Color
249, 233, 217

Protanomaly
246, 234, 218

Deuteranomaly
253, 231, 221

Tritanomaly
252, 230, 236

Monochromacy



Original Color
249, 233, 217

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, 217 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(249, 233, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 233, 217) }
```

Border

The CSS property to change the border of an element to RGB 249, 233, 217 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, 217) }
```

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

```
.border{ border-color:rgb(249, 233, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 233, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 233, 217);  
box-shadow:4px 4px 4px 4px rgb(249, 233,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 249, 233, 217 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, 217) }
```

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

```
.background{ background-color: rgb(249,  
233, 217) }
```

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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