

Converting Colors

RGB(249, 222, 199)

Have a look what the booklet for
RGB(249, 222, 199) contains.

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Color

RGB(249, 222, 199)

Conversions

Conversions Part 1

Format	Color
Hex	F9DEC7
RGB	249, 222, 199
RGB Percent	98%, 87%, 78%
CMY	0.0235, 0.1294, 0.2196
CMYK	0.00, 0.11, 0.20, 0.02
HSL	28°, 81%, 88%
HSV	28°, 20%, 98%
XYZ	75.4970, 76.5058, 64.8208
YIQ	227.4510, 23.4750, -1.4290

Conversions

Conversions Part 2

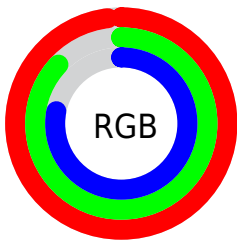
Format	Color
R _Y B	249, 242, 199
Decimal	16375495
CIE Lab	90.09, 5.76, 14.67
CIE LCh	90, 15.761, 68.580
Yxy	76.5058, 0.3482, 0.3528
Android (android.graphics.Color)	4294565575 (0xFFFF9DEC7)
YUV	227.4510, -14.0263, 18.8985
Hunter-Lab	87.4676, 1.0026, 17.2885

Details

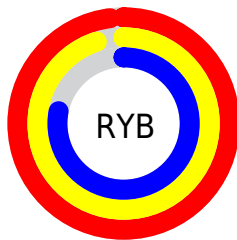
The RGB color **249, 222, 199** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **199, 226, 249**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **192, 167, 145** is the 20% darker color. If you saturate the color by 10%, you get **249, 209, 174**, and if you desaturate by 10%, it is **249, 235, 224**.

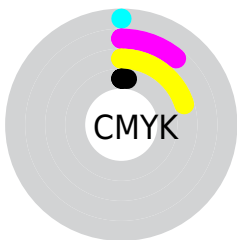
Distribution



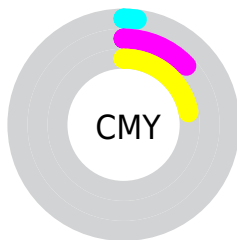
- Red (98%)
- Green (87%)
- Blue (78%)



- Red (98%)
- Yellow (95%)
- Blue (78%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 222, 199 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, 222, 199 by changing the saturation by 10% instead.

■ 249, 222, 199

255, 255, 255

■ 249, 222, 199

■ 220, 194, 172

■ 192, 167, 145

■ 165, 141, 119

■ 138, 115, 95

■ 112, 91, 71

■ 87, 67, 48

■ 63, 45, 27

■ 41, 24, 1

■ 15, 0, 0

 249, 222, 199

 249, 222, 199

 249, 209, 174

 249, 235, 224

 249, 195, 149

 249, 249, 249


 249, 182, 124

 249, 255, 255

 249, 168, 99

 249, 155, 75

 249, 141, 50

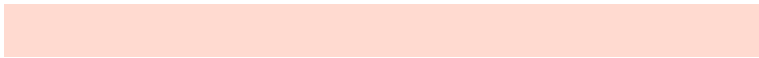
 249, 128, 25

 249, 115, 0

Harmonies

Analogous

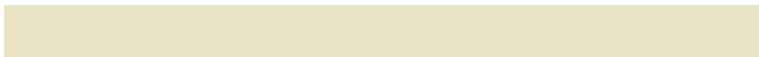
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 218, 208



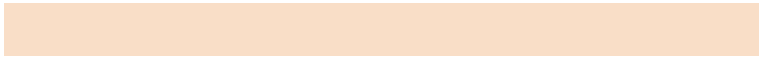
249, 222, 199



234, 227, 197

Triad

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



249, 222, 199



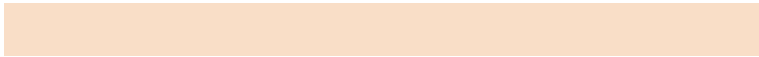
190, 236, 231



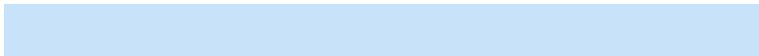
235, 221, 250

Complementary

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



249, 222, 199



199, 226, 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.



216, 226, 255



249, 222, 199



189, 234, 245

Square

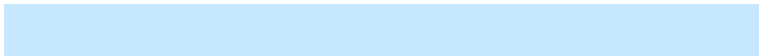
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 222, 199



201, 235, 215



199, 231, 254



250, 218, 238

Rectangle

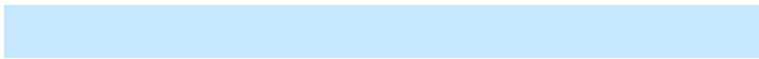
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 222, 199



223, 230, 200



199, 231, 254



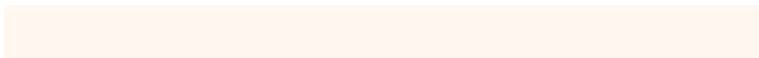
229, 223, 253

Sweetspot

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



249, 222, 199



255, 247, 240



249, 199, 227



128, 123, 119



0, 0, 0



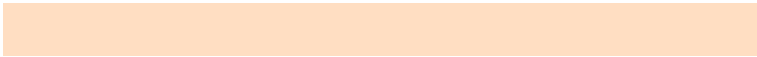
128, 128, 128

Same Dimension

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



249, 222, 199



255, 222, 194



249, 247, 199



125, 118, 112



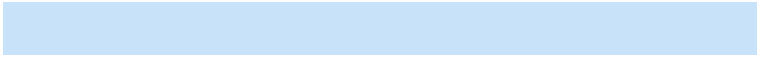
189, 87, 0



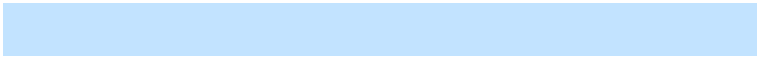
61, 28, 0

Inverse Universe

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



199, 226, 249



194, 227, 255



199, 202, 249



112, 119, 125



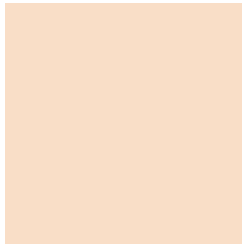
0, 102, 189



0, 33, 61

Previews

White Background



This preview shows how the RGB color 249, 222, 199 looks on a white background.

Color Contrast Check

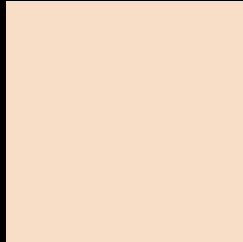
Large Text (above 18pt) WCAG AA × Fail

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, 222, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

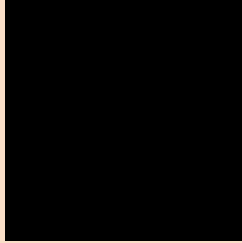
Any Text WCAG AA ✓ Pass

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, 222, 199 Background



This preview shows how black text looks on a background with the RGB color 249, 222, 199.

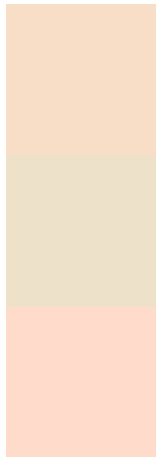


This preview shows how white text looks on a background with the RGB color 249, 222, 199.

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, 222, 199

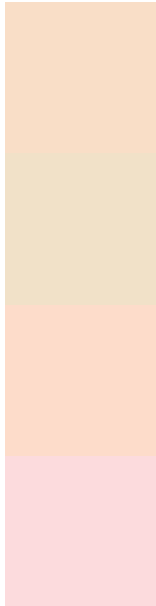
Protanopia
237, 226, 201

Deuteranopia
255, 219, 203



Tritanopia
253, 217, 234

Trichromacy



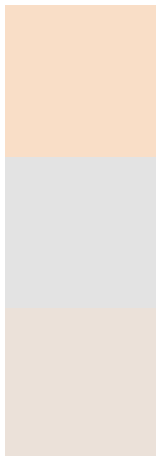
Original Color
249, 222, 199

Protanomaly
241, 225, 200

Deuteranomaly
253, 220, 202

Tritanomaly
252, 219, 221

Monochromacy



Original Color
249, 222, 199

Achromatopsia
227, 227, 227

Achromatomaly
235, 225, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 222, 199 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, 222, 199)` looks like.

```
.text, #text, p{  
    color:rgb(249, 222, 199)  
}
```

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, 222, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 222, 199) }
```

Border

The CSS property to change the border of an element to RGB 249, 222, 199 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, 222, 199) }
```

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

```
.border{ border-color:rgb(249, 222, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 222, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 222, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 222, 199); box-shadow:4px 4px 4px 4px rgb(249, 222, 199) }
```

Background

The CSS property to change the background color of an element to RGB 249, 222, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 222, 199) }
```

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

```
.background{ background-color: rgb(249,  
222, 199) }
```

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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