

Converting Colors

RGB(241, 228, 204)

Have a look what the booklet for
RGB(241, 228, 204) contains.

RGB(241, 228, 204)	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(241, 228, 204)

Conversions

Conversions Part 1

Format	Color
Hex	F1E4CC
RGB	241, 228, 204
RGB Percent	95%, 89%, 80%
CMY	0.0549, 0.1059, 0.2000
CMYK	0.00, 0.05, 0.15, 0.05
HSL	39°, 57%, 87%
HSV	39°, 15%, 95%
XYZ	74.9181, 78.5472, 68.3393
YIQ	229.1510, 15.4520, -4.7080

Conversions

Conversions Part 2

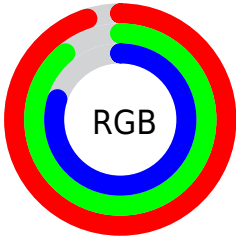
Format	Color
R _Y B	224, 241, 204
Decimal	15852748
CIE Lab	91.03, 0.54, 13.29
CIE LCh	91, 13.306, 87.684
Yxy	78.5472, 0.3378, 0.3541
Android (android.graphics.Color)	4294042828 (0xFFFF1E4CC)
YUV	229.1510, -12.3994, 10.3916
Hunter-Lab	88.6269, -4.2073, 16.3209

Details

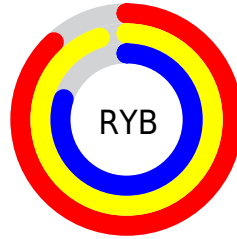
The RGB color **241, 228, 204** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **204, 217, 241**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **185, 173, 150** is the 20% darker color. If you saturate the color by 10%, you get **241, 220, 180**, and if you desaturate by 10%, it is **241, 236, 228**.

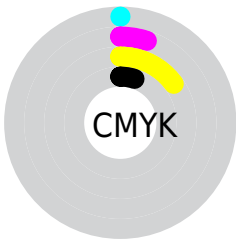
Distribution



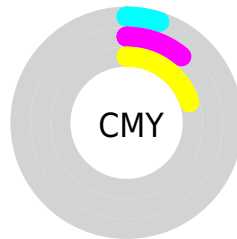
- Red (95%)
- Green (89%)
- Blue (80%)



- Red (88%)
- Yellow (95%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 241, 228, 204 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 241, 228, 204 by changing the saturation by 10% instead.

■ 241, 228, 204

255, 255, 255

■ 241, 228, 204

■ 213, 200, 177

■ 185, 173, 150

■ 158, 146, 124

■ 131, 120, 99

■ 106, 96, 75

■ 81, 72, 52


■ 58, 50, 31


■ 36, 29, 8

■ 7, 3, 0


 241, 228, 204

 241, 228, 204

 241, 220, 180


 241, 236, 228


 241, 211, 156


 241, 245, 252


 241, 203, 132


 241, 253, 255


 241, 194, 108

 241, 255, 255

 241, 186, 84

 241, 177, 59

 241, 169, 35

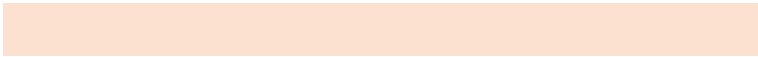
 241, 160, 11

 241, 156, 0

Harmonies

Analogous

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



252, 224, 208



241, 228, 204



227, 232, 207

Triad

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



241, 228, 204



197, 237, 241



245, 223, 243

Complementary

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



241, 228, 204



204, 217, 241

Split Complementary

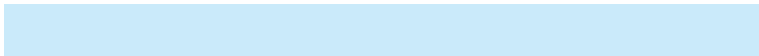
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231, 226, 252



241, 228, 204



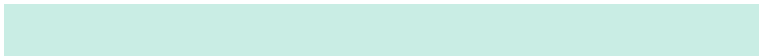
202, 234, 250

Square

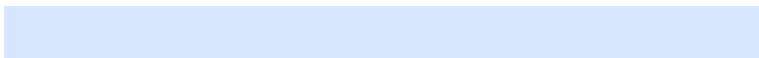
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241, 228, 204



201, 237, 228



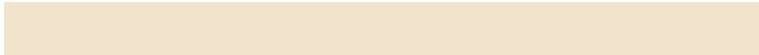
215, 231, 254



255, 221, 231

Rectangle

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



241, 228, 204



217, 234, 212



215, 231, 254



241, 224, 247

Sweetspot

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



241, 228, 204



255, 251, 242



241, 204, 218



128, 125, 120



0, 0, 0



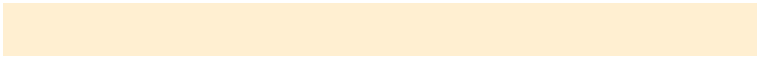
128, 128, 128

Same Dimension

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



241, 228, 204



255, 239, 209



236, 241, 204



120, 116, 108



184, 119, 0



56, 36, 0

Inverse Universe

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



204, 217, 241



209, 225, 255



209, 204, 241



108, 112, 120



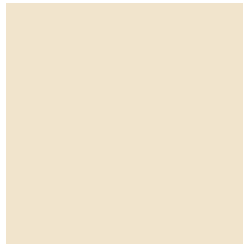
0, 65, 184



0, 20, 56

Previews

White Background



This preview shows how the RGB color 241, 228, 204 looks on a white background.

Color Contrast Check

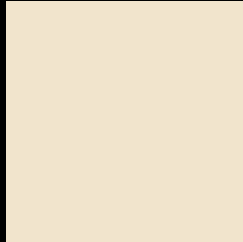
Large Text (above 18pt) WCAG AA × Fail

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 241, 228, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

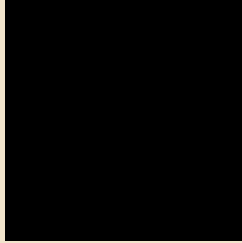
Any Text WCAG AA ✓ Pass

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 241, 228, 204 Background



This preview shows how black text looks on a background with the RGB color 241, 228, 204.

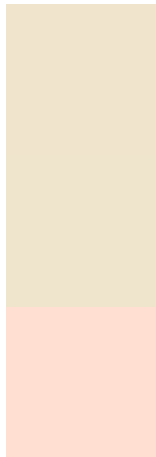


This preview shows how white text looks on a background with the RGB color 241, 228, 204.

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
241, 228, 204

Protanopia
239, 229, 204

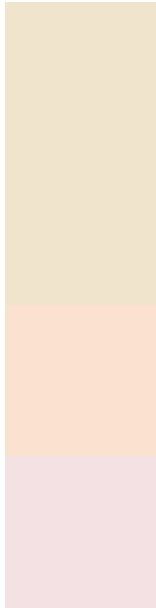
Deuteranopia
255, 223, 210



Tritanopia

246, 223, 240

Trichromacy



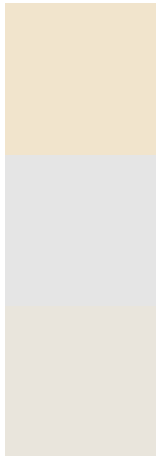
Original Color
241, 228, 204

Protanomaly
240, 229, 204

Deuteranomaly
250, 225, 208

Tritanomaly
244, 225, 227

Monochromacy



Original Color
241, 228, 204

Achromatopsia
229, 229, 229

Achromatomaly
233, 229, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 228, 204 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(241, 228, 204) looks like.

```
.text, #text, p{  
    color:rgb(241, 228, 204)  
}
```

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(241, 228, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 228, 204) }
```

Border

The CSS property to change the border of an element to RGB 241, 228, 204 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(241, 228, 204) }
```

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

```
.border{ border-color:rgb(241, 228, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 228, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 228, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 228, 204); box-shadow:4px 4px 4px 4px rgb(241, 228, 204) }
```

Background

The CSS property to change the background color of an element to RGB 241, 228, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 228, 204) }
```

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

```
.background{ background-color: rgb(241,  
228, 204) }
```

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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