

Converting Colors

RGB(241, 248, 228)

Have a look what the booklet for
RGB(241, 248, 228) contains.

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Color

RGB(241, 248, 228)

Conversions

Conversions Part 1

Format	Color
Hex	F1F8E4
RGB	241, 248, 228
RGB Percent	95%, 97%, 89%
CMY	0.0549, 0.0275, 0.1059
CMYK	0.03, 0.00, 0.08, 0.03
HSL	81°, 59%, 93%
HSV	81°, 8%, 97%
XYZ	83.8466, 91.4370, 86.6287
YIQ	243.6270, 2.2480, -7.7040

Conversions

Conversions Part 2

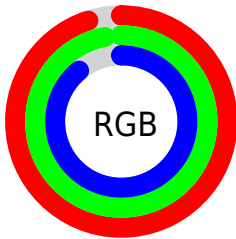
Format	Color
R_{YB}	228, 248, 235
Decimal	15857892
CIE Lab	96.59, -5.77, 8.80
CIE LCh	97, 10.518, 123.248
Yxy	91.4370, 0.3201, 0.3491
Android (android.graphics.Color)	4294047972 (0xFFFF1F8E4)
YUV	243.6270, -7.7041, -2.3039
Hunter-Lab	95.6227, -10.8223, 13.2225

Details

The RGB color **241, 248, 228** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **235, 228, 248**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is 255, 255, 255, and **185, 192, 173** is the 20% darker color. If you saturate the color by 10%, you get **232, 248, 203**, and if you desaturate by 10%, it is 250, 248, 253.

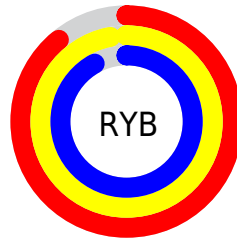
Distribution



Red (95%)

Green (97%)

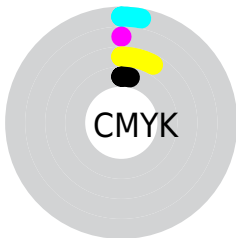
Blue (89%)



Red (89%)

Yellow (97%)

Blue (92%)

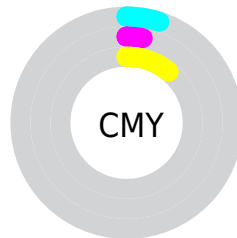


Cyan (3%)

Magenta (0%)

Yellow (8%)

Black (3%)



Cyan (5%)

Magenta (3%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 241, 248, 228 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, 248, 228 by changing the saturation by 10% instead.

 241, 248, 228

255, 255, 255

 241, 248, 228

 213, 219, 200

 185, 192, 173

 158, 165, 146

 132, 138, 120

 107, 113, 96

 82, 88, 72

 59, 65, 49

 37, 43, 28

 17, 23, 2

 241, 248, 228

 241, 248, 228

 232, 248, 203

 250, 248, 253

 224, 248, 178


 255, 248, 255

 215, 248, 154

 206, 248, 129

 198, 248, 104

 189, 248, 79

 180, 248, 54

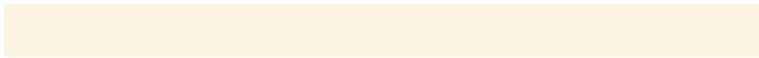
 172, 248, 30

 163, 248, 5

Harmonies

Analogous

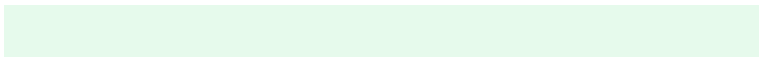
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



253, 245, 225



241, 248, 228



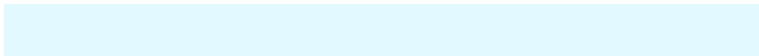
230, 250, 236

Triad

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



241, 248, 228



226, 249, 255



255, 238, 244

Complementary

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



241, 248, 228



235, 228, 248

Split Complementary

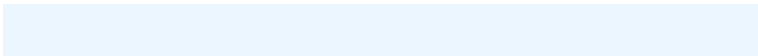
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 240, 255



241, 248, 228



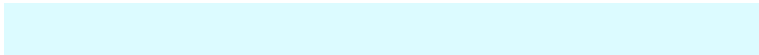
236, 246, 255

Square

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



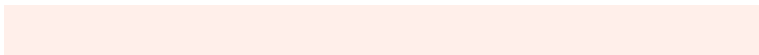
241, 248, 228



220, 251, 255



249, 242, 255



255, 239, 234

Rectangle

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



241, 248, 228



224, 251, 242



249, 242, 255



255, 239, 248

Sweetspot

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



241, 248, 228



253, 255, 250



248, 235, 228



127, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



241, 248, 228



246, 255, 230



231, 248, 228



121, 125, 112



123, 189, 0



40, 61, 0

Inverse Universe

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



235, 228, 248



238, 230, 255



245, 228, 248



117, 112, 125



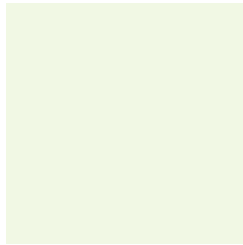
66, 0, 189



21, 0, 61

Previews

White Background



This preview shows how the RGB color 241, 248, 228 looks on a white background.

Color Contrast Check

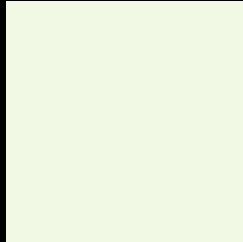
Large Text (above 18pt) WCAG AA × Fail

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, 248, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

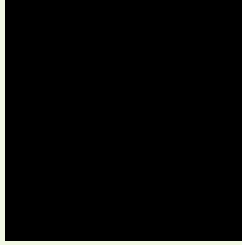
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

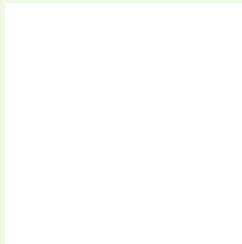
Any Text WCAG AAA ✓ Pass

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

RGB 241, 248, 228 Background



This preview shows how black text looks on a background with the RGB color 241, 248, 228.

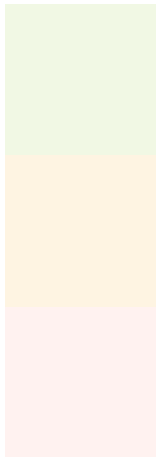


This preview shows how white text looks on a background with the RGB color 241, 248, 228.

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, 248, 228

Protanopia
254, 244, 226

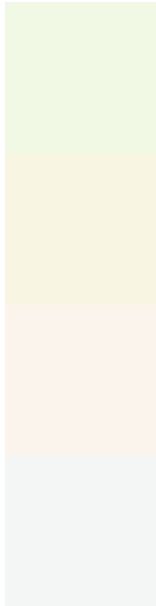
Deuteranopia
255, 242, 240



Tritanopia

246, 244, 255

Trichromacy



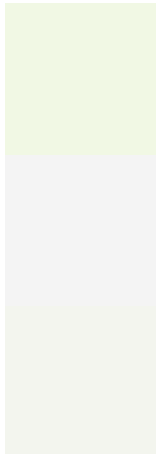
Original Color
241, 248, 228

Protanomaly
249, 245, 227

Deuteranomaly
250, 244, 236

Tritanomaly
244, 245, 245

Monochromacy



Original Color
241, 248, 228

Achromatopsia
244, 244, 244

Achromatomaly
243, 245, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 248, 228 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, 248, 228)` looks like.

```
.text, #text, p{  
    color:rgb(241, 248, 228)  
}
```

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, 248, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 248, 228) }
```

Border

The CSS property to change the border of an element to RGB 241, 248, 228 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, 248, 228) }
```

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

```
.border{ border-color:rgb(241, 248, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 248, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 248, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 248, 228);  
box-shadow:4px 4px 4px 4px rgb(241, 248,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 241, 248, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 248, 228) }
```

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

```
.background{ background-color: rgb(241,  
248, 228) }
```

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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