

Converting Colors

RGB(237, 248, 193)

Have a look what the booklet for
RGB(237, 248, 193) contains.

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Color

RGB(237, 248, 193)

Conversions

Conversions Part 1

Format	Color
Hex	EDF8C1
RGB	237, 248, 193
RGB Percent	93%, 97%, 76%
CMY	0.0706, 0.0275, 0.2431
CMYK	0.04, 0.00, 0.22, 0.03
HSL	72°, 80%, 86%
HSV	72°, 22%, 97%
XYZ	78.1181, 88.9896, 63.5115
YIQ	238.4410, 11.0990, -19.4370

Conversions

Conversions Part 2

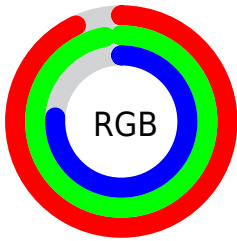
Format	Color
R_{YB}	193, 248, 204
Decimal	15595713
CIE _{Lab}	95.58, -12.58, 25.27
CIE _{LCh}	96, 28.223, 116.464
Yxy	88.9896, 0.3387, 0.3859
Android (android.graphics.Color)	4293785793 (0xFFEDF8C1)
YUV	238.4410, -22.4024, -1.2638
Hunter-Lab	94.3343, -17.2694, 26.1164

Details

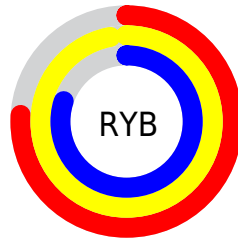
The RGB color **237, 248, 193** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **204, 193, 248**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is **255, 255, 250**, and **181, 192, 139** is the 20% darker color. If you saturate the color by 10%, you get **232, 248, 168**, and if you desaturate by 10%, it is **242, 248, 218**.

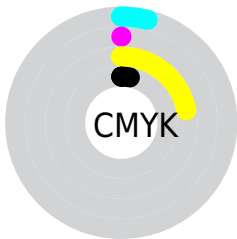
Distribution



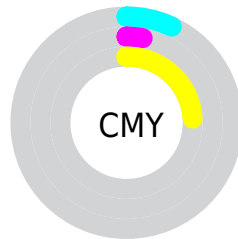
- Red (93%)
- Green (97%)
- Blue (76%)



- Red (76%)
- Yellow (97%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (22%)
- Black (3%)



- Cyan (7%)
- Magenta (3%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 248, 193 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 237, 248, 193 by changing the saturation by 10% instead.


 237, 248, 193


255, 255, 255

 255, 255, 250

 237, 248, 193

 209, 219, 166

 181, 192, 139

 154, 165, 113

 127, 138, 89

 102, 113, 65

 77, 88, 42

 54, 65, 20

 33, 43, 0

 0, 24, 0

 237, 248, 193

 237, 248, 193

 232, 248, 168

 242, 248, 218

 227, 248, 143

 247, 248, 243

 222, 248, 119

 252, 248, 255

 217, 248, 94

 255, 248, 255

 212, 248, 69

 207, 248, 44

 202, 248, 19

 198, 248, 0

Harmonies

Analogous

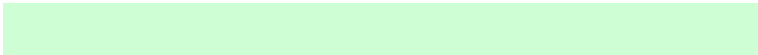
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 239, 188



237, 248, 193



206, 254, 211

Triad

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



237, 248, 193



176, 253, 255



255, 223, 247

Complementary

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



237, 248, 193



204, 193, 248

Split Complementary

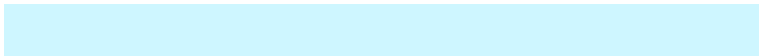
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 228, 255



237, 248, 193



206, 246, 255

Square

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



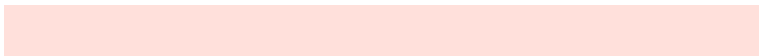
237, 248, 193



166, 255, 255



243, 236, 255



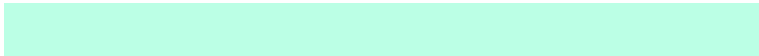
255, 224, 219

Rectangle

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



237, 248, 193



187, 255, 229



243, 236, 255



255, 224, 255

Sweetspot

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



237, 248, 193



251, 255, 237



248, 204, 193



125, 128, 117



0, 0, 0



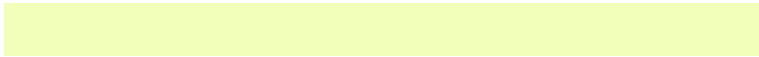
128, 128, 128

Same Dimension

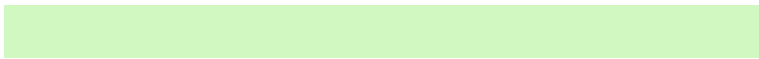
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237, 248, 193



241, 255, 186



210, 248, 193



122, 125, 112



151, 189, 0



49, 61, 0

Inverse Universe

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



204, 193, 248



200, 186, 255



232, 193, 248



115, 112, 125



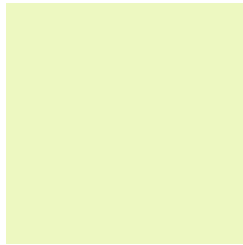
38, 0, 189



12, 0, 61

Previews

White Background



This preview shows how the RGB color 237, 248, 193 looks on a white background.

Color Contrast Check

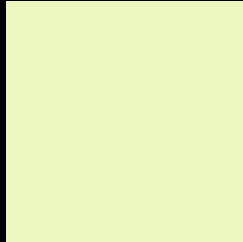
Large Text (above 18pt) WCAG AA × Fail

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 237, 248, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

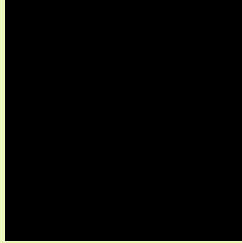
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

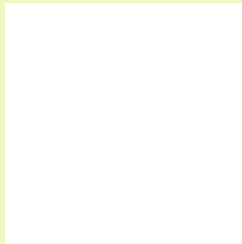
Any Text WCAG AAA ✓ Pass

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

RGB 237, 248, 193 Background



This preview shows how black text looks on a background with the RGB color 237, 248, 193.

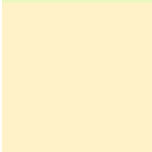


This preview shows how white text looks on a background with the RGB color 237, 248, 193.

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

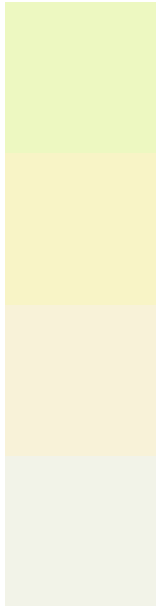
	Original Color 237, 248, 193
	Protanopia 255, 242, 201
	Deuteranopia 255, 239, 229



Tritanopia

245, 240, 255

Trichromacy



Original Color

237, 248, 193

Protanomaly

248, 244, 198

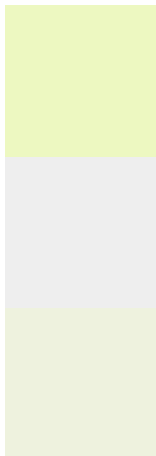
Deuteranomaly

248, 242, 216

Tritanomaly

242, 243, 232

Monochromacy



Original Color

237, 248, 193

Achromatopsia

238, 238, 238

Achromatomaly

238, 242, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 248, 193 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(237, 248, 193)` looks like.

```
.text, #text, p{  
    color:rgb(237, 248, 193)  
}
```

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(237, 248, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 248, 193) }
```

Border

The CSS property to change the border of an element to RGB 237, 248, 193 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(237, 248, 193) }
```

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

```
.border{ border-color:rgb(237, 248, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 248, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 248, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 248, 193); box-shadow:4px 4px 4px 4px rgb(237, 248, 193) }
```

Background

The CSS property to change the background color of an element to RGB 237, 248, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 248, 193) }
```

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

```
.background{ background-color: rgb(237,  
248, 193) }
```

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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