

Converting Colors

RGB(233, 254, 226)

Have a look what the booklet for
RGB(233, 254, 226) contains.

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Color

RGB(233, 254, 226)

Conversions

Conversions Part 1

Format	Color
Hex	E9FEE2
RGB	233, 254, 226
RGB Percent	91%, 100%, 89%
CMY	0.0863, 0.0039, 0.1137
CMYK	0.08, 0.00, 0.11, 0.00
HSL	105°, 93%, 94%
HSV	105°, 11%, 100%
XYZ	82.7736, 93.6982, 85.6744
YIQ	244.5290, -3.5280, -13.1600

Conversions

Conversions Part 2

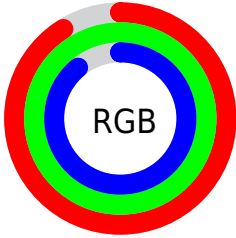
Format	Color
RYB	226, 254, 247
Decimal	15335138
CIELab	97.51, -11.79, 11.07
CIELCh	98, 16.170, 136.810
Yxy	93.6982, 0.3158, 0.3574
Android (android.graphics.Color)	4293525218 (0xFFE9FEE2)
YUV	244.5290, -9.1348, -10.1109
Hunter-Lab	96.7979, -16.7578, 15.2817

Details

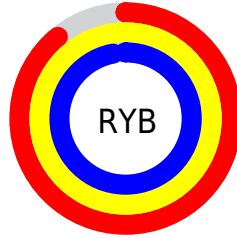
The RGB color 233, 254, 226 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 247, 226, 254, and the grayscale version is 245, 245, 245.

A 20% lighter version of the original color is 255, 255, 255, and 177, 197, 171 is the 20% darker color. If you saturate the color by 10%, you get 214, 254, 201, and if you desaturate by 10%, it is 252, 254, 251.

Distribution



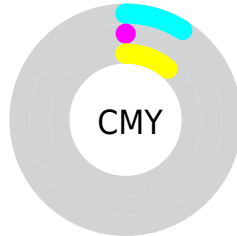
- Red (91%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (97%)



- Cyan (8%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 254, 226 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 233, 254, 226 by changing the saturation by 10% instead.

233, 254, 226	233, 254, 226
255, 255, 255	205, 225, 198
	177, 197, 171
	150, 170, 144
	125, 144, 118
	99, 118, 94
	75, 93, 70
	52, 70, 48
	31, 47, 27
	9, 27, 0

233, 254, 226

233, 254, 226

214, 254, 201

252, 254, 251

195, 254, 175

255, 254, 255

176, 254, 150

157, 254, 124

138, 254, 99

119, 254, 74

100, 254, 48

81, 254, 23

64, 254, 0

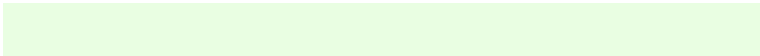
Harmonies

Analogous

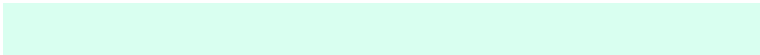
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 250, 218



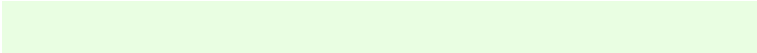
233, 254, 226



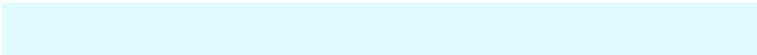
217, 255, 240

Triad

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



233, 254, 226



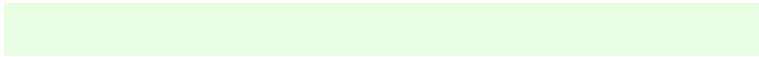
223, 251, 255



255, 237, 239

Complementary

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



233, 254, 226



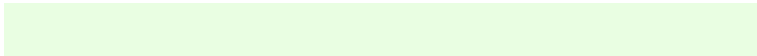
247, 226, 254

Split Complementary

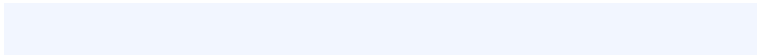
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 238, 255



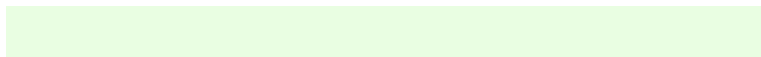
233, 254, 226



242, 246, 255

Square

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



233, 254, 226



211, 255, 255



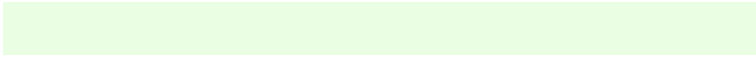
255, 241, 255



255, 240, 226

Rectangle

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



233, 254, 226



210, 255, 251



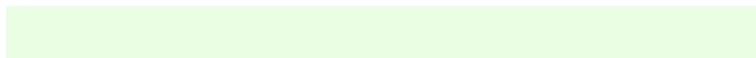
255, 241, 255



255, 237, 245

Sweetspot

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



233, 254, 226



249, 255, 247



254, 247, 226



124, 128, 122



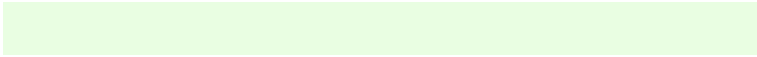
0, 0, 0



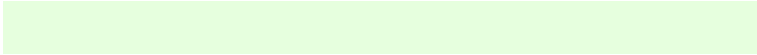
128, 128, 128

Same Dimension

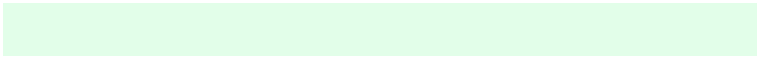
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233, 254, 226



230, 255, 222



226, 254, 233



118, 128, 115



48, 191, 0



16, 64, 0

Inverse Universe

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



247, 226, 254



247, 222, 255



254, 226, 247



124, 115, 128



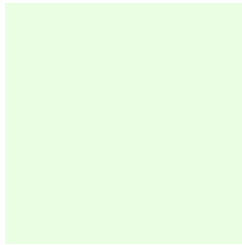
143, 0, 191



48, 0, 64

Previews

White Background



This preview shows how the RGB color 233, 254, 226 looks on a white background.

Color Contrast Check

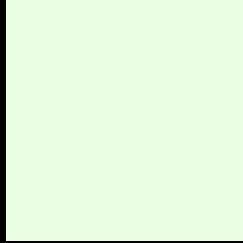
Large Text (above 18pt) WCAG AA × Fail

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 233, 254, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

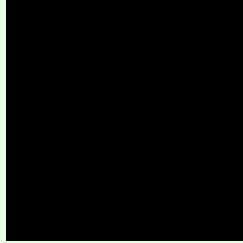
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

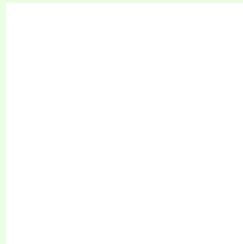
Any Text WCAG AAA ✓ Pass

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

RGB 233, 254, 226 Background



This preview shows how black text looks on a background with the RGB color 233, 254, 226.

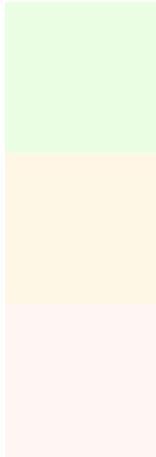


This preview shows how white text looks on a background with the RGB color 233, 254, 226.

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
233, 254, 226

Protanopia
255, 247, 230

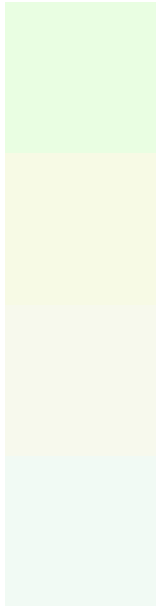
Deuteranopia
255, 246, 244



Tritanopia

245, 248, 255

Trichromacy



Original Color

233, 254, 226

Protanomaly

247, 250, 229

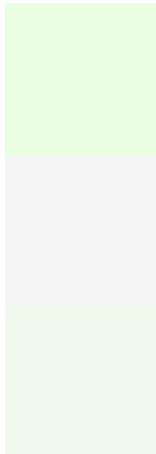
Deuteranomaly

247, 249, 237

Tritanomaly

241, 250, 244

Monochromacy



Original Color

233, 254, 226

Achromatopsia

245, 245, 245

Achromatomaly

241, 248, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 254, 226 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(233, 254, 226)` looks like.

```
.text, #text, p{  
    color:rgb(233, 254, 226)  
}
```

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(233, 254, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 254, 226) }
```

Border

The CSS property to change the border of an element to RGB 233, 254, 226 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(233, 254, 226) }
```

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

```
.border{ border-color:rgb(233, 254, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 254, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 254, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 254, 226);  
box-shadow:4px 4px 4px 4px rgb(233, 254,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 233, 254, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 254, 226) }
```

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

```
.background{ background-color: rgb(233,  
254, 226) }
```

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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