

Converting Colors

RGB(227, 231, 186)

Have a look what the booklet for
RGB(227, 231, 186) contains.

- RGB(227, 231, 186)** 3
 - Conversions*** 4
 - Details*** 6
 - Harmonies*** 11
 - Previews*** 23
 - Color Blindness Simulation*** 26
 - CSS Examples*** 29

Color

RGB(227, 231, 186)

Conversions

Conversions Part 1	
Format	Color
Hex	E3E7BA
RGB	227, 231, 186
RGB Percent	89%, 91%, 73%
CMY	0.1098, 0.0941, 0.2706
CMYK	0.02, 0.00, 0.19, 0.09
HSL	65°, 48%, 82%
HSV	65°, 19%, 91%
XYZ	69.1174, 77.0279, 57.6794
YIQ	224.6740, 12.0610, -14.8430

Conversions

Conversions Part 2

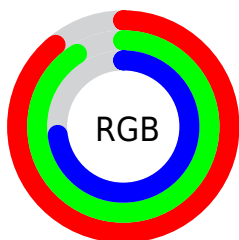
Format	Color
RYB	186, 231, 190
Decimal	14935994
CIELab	90.33, -8.71, 21.51
CIELCh	90, 23.205, 112.047
Yxy	77.0279, 0.3391, 0.3779
Android (android.graphics.Color)	4293126074 (0xFFE3E7BA)
YUV	224.6740, -19.0663, 2.0399
Hunter-Lab	87.7655, -13.0168, 22.4706

Details

The RGB color **227, 231, 186** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **190, 186, 231**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 242**, and **171, 175, 133** is the 20% darker color. If you saturate the color by 10%, you get **225, 231, 163**, and if you desaturate by 10%, it is **229, 231, 209**.

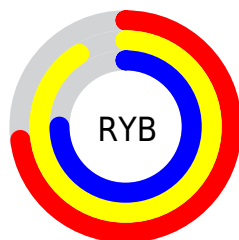
Distribution



Red (89%)

Green (91%)

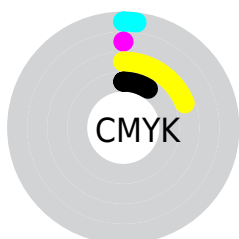
Blue (73%)



Red (73%)

Yellow (91%)

Blue (75%)

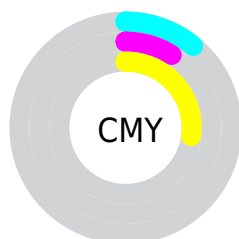


Cyan (2%)

Magenta (0%)

Yellow (19%)

Black (9%)



Cyan (11%)

Magenta (9%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 231, 186 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 227, 231, 186 by changing the saturation by 10% instead.

 227, 231, 186

255, 255, 255


 255, 255, 242

 227, 231, 186

 199, 203, 159

 171, 175, 133

 145, 149, 107

 119, 123, 83

 94, 98, 59

 69, 74, 37

 46, 52, 16

 26, 31, 0

 0, 2, 0

 227, 231, 186

 227, 231, 186

 225, 231, 163

 229, 231, 209

 223, 231, 140

 231, 231, 232

 221, 231, 117

 233, 231, 255

 219, 231, 94


 235, 231, 255

 217, 231, 70


 237, 231, 255

 215, 231, 47


 239, 231, 255

 213, 231, 24

 241, 231, 255

 211, 231, 1

 243, 231, 255

 210, 231, 0

 245, 231, 255

Harmonies

Analogous

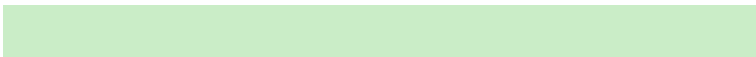
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



250, 224, 184



227, 231, 186



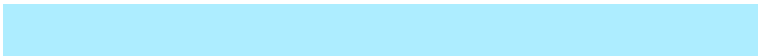
202, 237, 199

Triad

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



227, 231, 186



173, 237, 255



255, 212, 234

Complementary

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



227, 231, 186



190, 186, 231

Split Complementary

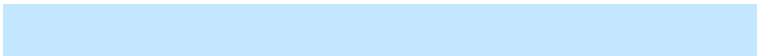
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 217, 255



227, 231, 186



195, 231, 255

Square

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



227, 231, 186



168, 240, 243



224, 224, 255



255, 212, 212

Rectangle

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



227, 231, 186



186, 239, 213



224, 224, 255



255, 213, 242

Sweetspot

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



227, 231, 186



254, 255, 240



231, 190, 186



127, 128, 119



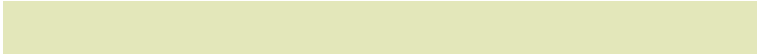
0, 0, 0



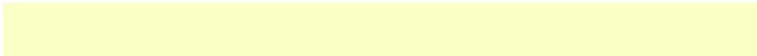
128, 128, 128

Same Dimension

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



227, 231, 186



250, 255, 196



205, 231, 186



114, 115, 103



163, 179, 0



46, 51, 0

Inverse Universe

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



190, 186, 231



202, 196, 255



212, 186, 231



104, 103, 115



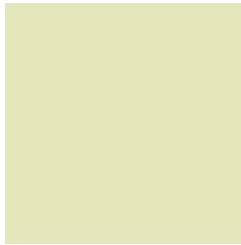
16, 0, 179



5, 0, 51

Previews

White Background



This preview shows how the RGB color 227, 231, 186 looks on a white background.

Color Contrast Check

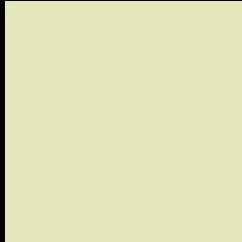
Large Text (above 18pt) WCAG AA × Fail

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 227, 231, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

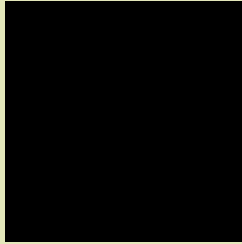
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

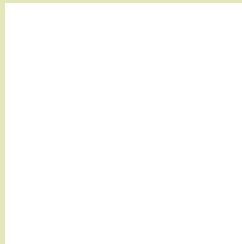
Any Text WCAG AAA ✓ Pass

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

RGB 227, 231, 186 Background



This preview shows how black text looks on a background with the RGB color 227, 231, 186.



This preview shows how white text looks on a background with the RGB color 227, 231, 186.

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

227, 231, 186

Protanopia

241, 227, 184

Deuteranopia

255, 220, 198



Tritanopia

235, 223, 241

Trichromacy

	Original Color 227, 231, 186
	Protanomaly 236, 228, 185
	Deuteranomaly 245, 224, 194
	Tritanomaly 232, 226, 221

Monochromacy

	Original Color 227, 231, 186
	Achromatopsia 225, 225, 225
	Achromatomaly 226, 227, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 231, 186 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(227, 231, 186)` looks like.

```
.text, #text, p{  
    color:rgb(227, 231, 186)  
}
```

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(227, 231, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 231, 186) }
```

Border

The CSS property to change the border of an element to RGB 227, 231, 186 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(227, 231, 186) }
```

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

```
.border{ border-color:rgb(227, 231, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 231, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 231, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 231, 186);  
box-shadow:4px 4px 4px 4px rgb(227, 231,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 227, 231, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 231, 186) }
```

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

```
.background{ background-color: rgb(227,  
231, 186) }
```

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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