

Converting Colors

RGB(229, 231, 186)

Have a look what the booklet for
RGB(229, 231, 186) contains.

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Color

RGB(229, 231, 186)

Conversions

Conversions Part 1

Format	Color
Hex	E5E7BA
RGB	229, 231, 186
RGB Percent	90%, 91%, 73%
CMY	0.1020, 0.0941, 0.2706
CMYK	0.01, 0.00, 0.19, 0.09
HSL	63°, 48%, 82%
HSV	63°, 19%, 91%
XYZ	69.7519, 77.3550, 57.7091
YIQ	225.2720, 13.2530, -14.4190

Conversions

Conversions Part 2

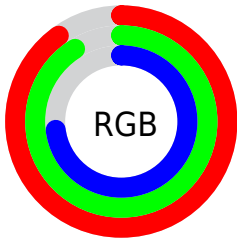
Format	Color
R_{YB}	186, 231, 188
Decimal	15067066
CIE _{Lab}	90.48, -7.99, 21.74
CIE _{LCh}	90, 23.161, 110.172
Yxy	77.3550, 0.3406, 0.3777
Android (android.graphics.Color)	4293257146 (0xFFE5E7BA)
YUV	225.2720, -19.3611, 3.2695
Hunter-Lab	87.9517, -12.3523, 22.6634

Details

The RGB color **229, 231, 186** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **188, 186, 231**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 242**, and **173, 175, 133** is the 20% darker color. If you saturate the color by 10%, you get **228, 231, 163**, and if you desaturate by 10%, it is **230, 231, 209**.

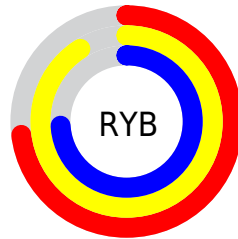
Distribution



Red (90%)

Green (91%)

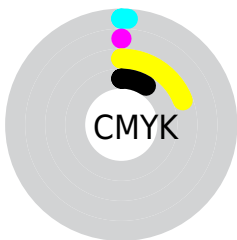
Blue (73%)



Red (73%)

Yellow (91%)

Blue (74%)

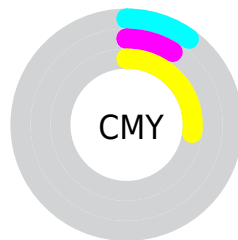


Cyan (1%)

Magenta (0%)

Yellow (19%)

Black (9%)



Cyan (10%)

Magenta (9%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 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 229, 231, 186 by changing the saturation by 10% instead.

■ 229, 231, 186

255, 255, 255

■ 255, 255, 242

■ 229, 231, 186

■ 201, 203, 159

■ 173, 175, 133

■ 146, 149, 107

■ 120, 123, 83

■ 95, 98, 59

■ 71, 74, 37

■ 48, 52, 16

■ 27, 31, 0

■ 0, 3, 0

 229, 231, 186

 229, 231, 186

 228, 231, 163


 230, 231, 209

 227, 231, 140

 231, 231, 232

 226, 231, 117


 232, 231, 255

 225, 231, 94

 233, 231, 255

 224, 231, 70


 234, 231, 255

 223, 231, 47


 235, 231, 255

 222, 231, 24

 236, 231, 255

 221, 231, 1

 237, 231, 255

 221, 231, 0

 238, 231, 255

Harmonies

Analogous

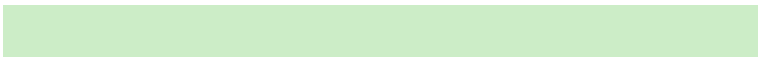
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



252, 224, 184



229, 231, 186



204, 237, 199

Triad

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



229, 231, 186



173, 238, 255



255, 213, 236

Complementary

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



229, 231, 186



188, 186, 231

Split Complementary

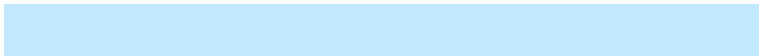
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 217, 255



229, 231, 186



193, 232, 255

Square

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



229, 231, 186



168, 240, 242



222, 225, 255



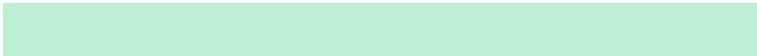
255, 213, 213

Rectangle

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



229, 231, 186



188, 239, 212



222, 225, 255



255, 214, 243

Sweetspot

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



229, 231, 186



254, 255, 240



231, 187, 186



127, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



229, 231, 186



252, 255, 196



207, 231, 186



114, 115, 103



171, 179, 0



49, 51, 0

Inverse Universe

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



188, 186, 231



199, 196, 255



210, 186, 231



104, 103, 115



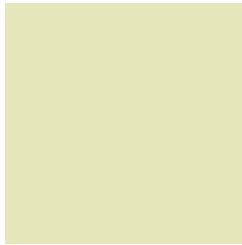
8, 0, 179



2, 0, 51

Previews

White Background



This preview shows how the RGB color 229, 231, 186 looks on a white background.

Color Contrast Check

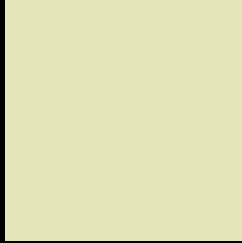
Large Text (above 18pt) WCAG AA × Fail

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 229, 231, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

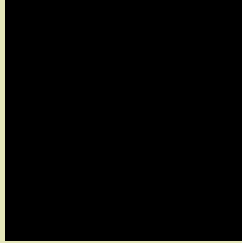
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

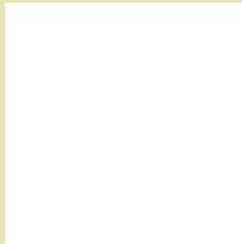
Any Text WCAG AAA ✓ Pass

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

RGB 229, 231, 186 Background



This preview shows how black text looks on a background with the RGB color 229, 231, 186.



This preview shows how white text looks on a background with the RGB color 229, 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
229, 231, 186

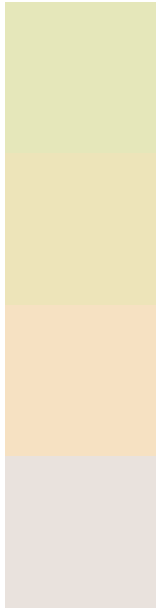
Protanopia
241, 227, 184

Deuteranopia
255, 221, 199



Tritanopia
236, 223, 241

Trichromacy



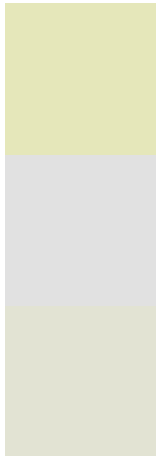
Original Color
229, 231, 186

Protanomaly
237, 228, 185

Deuteranomaly
246, 225, 194

Tritanomaly
233, 226, 221

Monochromacy



Original Color
229, 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 229, 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(229, 231, 186)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 231, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 231, 186) }
```

Border

The CSS property to change the border of an element to RGB 229, 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(229, 231, 186) }
```

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

```
.border{ border-color:rgb(229, 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(229, 231, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 231, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 231, 186); box-shadow:4px 4px 4px 4px rgb(229, 231, 186) }
```

Background

The CSS property to change the background color of an element to RGB 229, 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(229, 231, 186) }
```

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

```
.background{ background-color: rgb(229,  
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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