

Converting Colors

RGB(226, 233, 171)

Have a look what the booklet for
RGB(226, 233, 171) contains.

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Color

RGB(226, 233, 171)

Conversions

Conversions Part 1

Format	Color
Hex	E2E9AB
RGB	226, 233, 171
RGB Percent	89%, 91%, 67%
CMY	0.1137, 0.0863, 0.3294
CMYK	0.03, 0.00, 0.27, 0.09
HSL	67°, 58%, 79%
HSV	67°, 27%, 91%
XYZ	67.8536, 77.3869, 49.8890
YIQ	223.8390, 15.7300, -20.7660

Conversions

Conversions Part 2

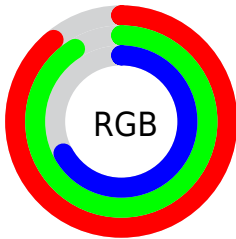
Format	Color
RYB	171, 233, 178
Decimal	14870955
CIELab	90.50, -12.18, 29.43
CIELCh	90, 31.854, 112.478
Yxy	77.3869, 0.3477, 0.3966
Android (android.graphics.Color)	4293061035 (0xFFE2E9AB)
YUV	223.8390, -26.0496, 1.8952
Hunter-Lab	87.9698, -16.2650, 27.9546

Details

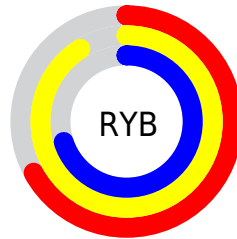
The RGB color **226, 233, 171** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **178, 171, 233**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 227**, and **170, 177, 118** is the 20% darker color. If you saturate the color by 10%, you get **223, 233, 148**, and if you desaturate by 10%, it is **229, 233, 194**.

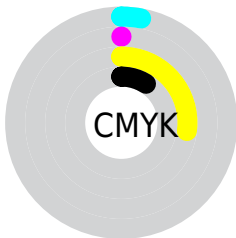
Distribution



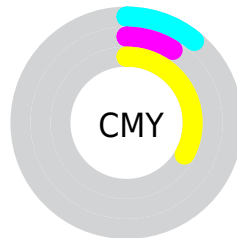
- Red (89%)
- Green (91%)
- Blue (67%)



- Red (67%)
- Yellow (91%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (27%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 233, 171 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 226, 233, 171 by changing the saturation by 10% instead.


 226, 233, 171


255, 255, 255

 255, 255, 227

 226, 233, 171

 198, 205, 144

 170, 177, 118

 143, 151, 93

 117, 125, 69

 92, 100, 46

 67, 76, 23

 44, 53, 0

 22, 32, 0

 0, 3, 0

■ 226, 233, 171

■ 226, 233, 171

■ 223, 233, 148

■ 229, 233, 194

■ 221, 233, 124

■ 231, 233, 218

■ 218, 233, 101

■ 234, 233, 241

■ 215, 233, 78

■ 237, 233, 255

■ 213, 233, 54

■ 239, 233, 255

■ 210, 233, 31

■ 242, 233, 255

■ 208, 233, 8

■ 244, 233, 255

■ 207, 233, 0

■ 247, 233, 255

■ 250, 233, 255

Harmonies

Analogous

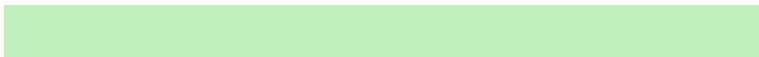
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 223, 168



226, 233, 171



191, 240, 190

Triad

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



226, 233, 171



146, 241, 255



255, 206, 237

Complementary

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



226, 233, 171



178, 171, 233

Split Complementary

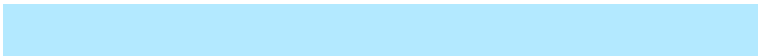
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 213, 255



226, 233, 171



179, 233, 255

Square

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



226, 233, 171



138, 245, 250



222, 223, 255



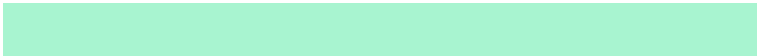
255, 207, 206

Rectangle

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



226, 233, 171



168, 244, 208



222, 223, 255



255, 208, 247

Sweetspot

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



226, 233, 171



253, 255, 235



233, 177, 171



126, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



226, 233, 171



246, 255, 173



196, 233, 171



116, 117, 106



161, 181, 0



48, 54, 0

Inverse Universe

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



178, 171, 233



183, 173, 255



208, 171, 233



107, 106, 117



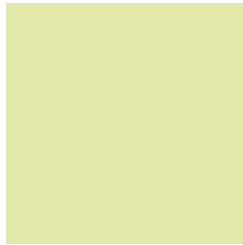
20, 0, 181



6, 0, 54

Previews

White Background



This preview shows how the RGB color 226, 233, 171 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 226, 233, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

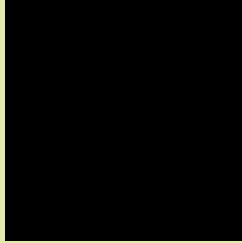
Any Text WCAG AA ✓ Pass

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 226, 233, 171 Background



This preview shows how black text looks on a background with the RGB color 226, 233, 171.



This preview shows how white text looks on a background with the RGB color 226, 233, 171.

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](#).

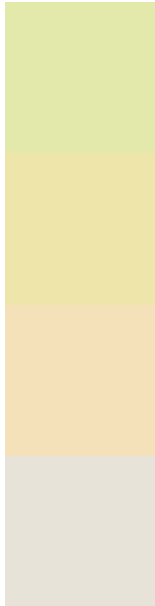
Dichromacy





Tritanopia
235, 224, 241

Trichromacy



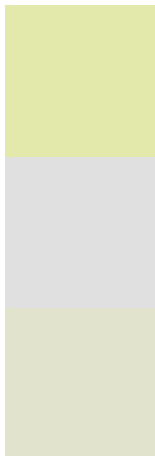
Original Color
226, 233, 171

Protanomaly
237, 229, 169

Deuteranomaly
244, 225, 186

Tritanomaly
232, 227, 216

Monochromacy



Original Color
226, 233, 171

Achromatopsia
224, 224, 224

Achromatomaly
225, 227, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 233, 171 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(226, 233, 171)` looks like.

```
.text, #text, p{  
    color:rgb(226, 233, 171)  
}
```

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(226, 233, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 233, 171) }
```

Border

The CSS property to change the border of an element to RGB 226, 233, 171 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(226, 233, 171) }
```

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

```
.border{ border-color:rgb(226, 233, 171) }
```

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

Here you see how a box with a 4 pixel rgb(226, 233, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 233, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 233, 171);  
box-shadow:4px 4px 4px 4px rgb(226, 233,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 226, 233, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 233, 171) }
```

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

```
.background{ background-color: rgb(226,  
233, 171) }
```

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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