

Converting Colors

RGB(231, 231, 187)

Have a look what the booklet for
RGB(231, 231, 187) contains.

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Color

RGB(231, 231, 187)

Conversions

Conversions Part 1

Format	Color
Hex	E7E7BB
RGB	231, 231, 187
RGB Percent	91%, 91%, 73%
CMY	0.0941, 0.0941, 0.2667
CMYK	0.00, 0.00, 0.19, 0.09
HSL	60°, 48%, 82%
HSV	60°, 19%, 91%
XYZ	70.5006, 77.7286, 58.3011
YIQ	225.9840, 14.1240, -13.6840

Conversions

Conversions Part 2

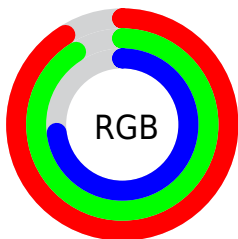
Format	Color
RYB	187, 231, 187
Decimal	15198139
CIELab	90.66, -7.12, 21.48
CIELCh	91, 22.632, 108.328
Yxy	77.7286, 0.3414, 0.3764
Android (android.graphics.Color)	4293388219 (0xFFE7E7BB)
YUV	225.9840, -19.2191, 4.3990
Hunter-Lab	88.1638, -11.5485, 22.5073

Details

The RGB color **231, 231, 187** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **187, 187, 231**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 243**, and **175, 176, 134** is the 20% darker color. If you saturate the color by 10%, you get **231, 231, 164**, and if you desaturate by 10%, it is **231, 231, 210**.

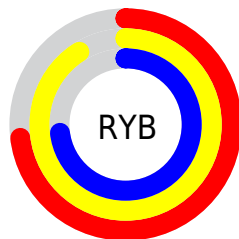
Distribution



Red (91%)

Green (91%)

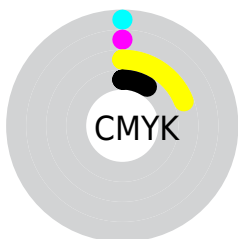
Blue (73%)



Red (73%)

Yellow (91%)

Blue (73%)

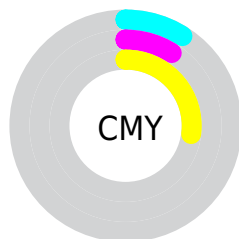


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 231, 187 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 231, 231, 187 by changing the saturation by 10% instead.

■ 231, 231, 187

255, 255, 255

■ 255, 255, 243

■ 231, 231, 187

■ 203, 203, 160

■ 175, 176, 134

■ 148, 149, 108

■ 122, 123, 84

■ 97, 98, 60

■ 73, 75, 38

■ 49, 52, 17


■ 29, 31, 0

■ 0, 4, 0


 231, 231, 187

 231, 231, 187

 231, 231, 164


 231, 231, 210


 231, 231, 141


 231, 231, 233


 231, 231, 118


 231, 231, 255


 231, 231, 95

 231, 231, 72

 231, 231, 48

 231, 231, 25

 231, 231, 2

 231, 231, 0

Harmonies

Analogous

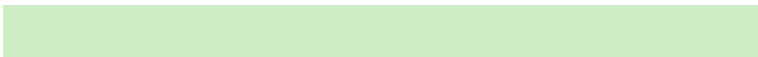
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



253, 224, 186



231, 231, 187



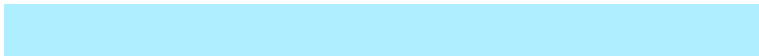
206, 237, 199

Triad

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



231, 231, 187



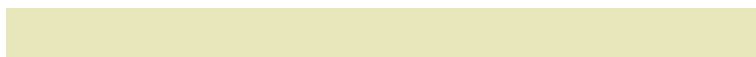
174, 238, 255



255, 214, 238

Complementary

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



231, 231, 187



187, 187, 231

Split Complementary

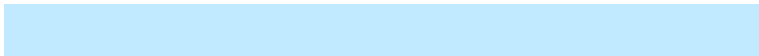
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248, 219, 255



231, 231, 187



193, 233, 255

Square

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



231, 231, 187



171, 241, 241



221, 226, 255



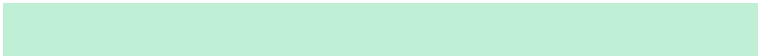
255, 213, 216

Rectangle

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



231, 231, 187



191, 239, 212



221, 226, 255



255, 215, 245

Sweetspot

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



231, 231, 187



255, 255, 240



231, 187, 187



128, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



231, 231, 187



255, 255, 196



209, 231, 187



115, 115, 103



179, 179, 0



51, 51, 0

Inverse Universe

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



187, 187, 231



196, 196, 255



209, 187, 231



103, 103, 115



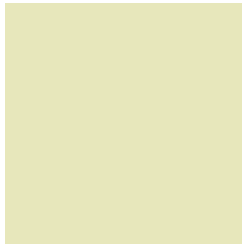
0, 0, 179



0, 0, 51

Previews

White Background



This preview shows how the RGB color 231, 231, 187 looks on a white background.

Color Contrast Check

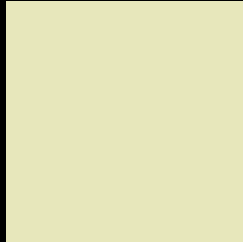
Large Text (above 18pt) WCAG AA × Fail

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 231, 231, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

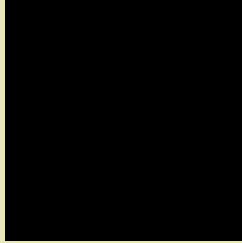
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

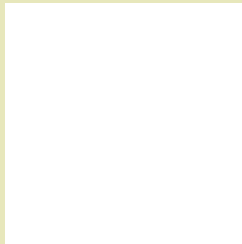
Any Text WCAG AAA ✓ Pass

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

RGB 231, 231, 187 Background



This preview shows how black text looks on a background with the RGB color 231, 231, 187.

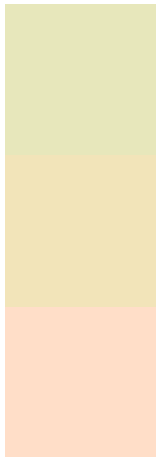


This preview shows how white text looks on a background with the RGB color 231, 231, 187.

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
231, 231, 187

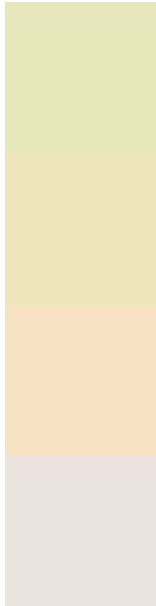
Protanopia
242, 228, 185

Deuteranopia
255, 222, 200



Tritanopia
238, 224, 241

Trichromacy



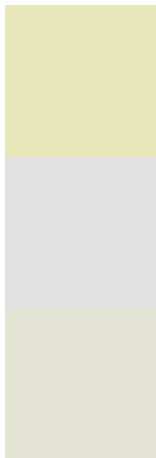
Original Color
231, 231, 187

Protanomaly
238, 229, 186

Deuteranomaly
246, 225, 195

Tritanomaly
235, 227, 221

Monochromacy



Original Color
231, 231, 187

Achromatopsia
226, 226, 226

Achromatomaly
228, 228, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 231, 187 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(231, 231, 187)` looks like.

```
.text, #text, p{  
    color:rgb(231, 231, 187)  
}
```

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(231, 231, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 231, 187) }
```

Border

The CSS property to change the border of an element to RGB 231, 231, 187 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(231, 231, 187) }
```

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

```
.border{ border-color:rgb(231, 231, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 231, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 231, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 231, 187); box-shadow:4px 4px 4px 4px rgb(231, 231, 187) }
```

Background

The CSS property to change the background color of an element to RGB 231, 231, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 231, 187) }
```

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

```
.background{ background-color: rgb(231,  
231, 187) }
```

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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