

Converting Colors

RGB(231, 223, 185)

Have a look what the booklet for
RGB(231, 223, 185) contains.

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Color

RGB(231, 223, 185)

Conversions

Conversions Part 1

Format	Color
Hex	E7DFB9
RGB	231, 223, 185
RGB Percent	91%, 87%, 73%
CMY	0.0941, 0.1255, 0.2745
CMYK	0.00, 0.03, 0.20, 0.09
HSL	50°, 49%, 82%
HSV	50°, 20%, 91%
XYZ	68.0996, 73.2671, 56.4517
YIQ	221.0600, 16.9660, -10.1220

Conversions

Conversions Part 2

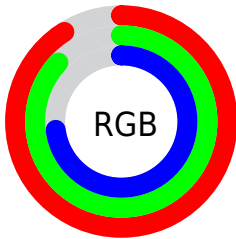
Format	Color
RYB	195, 231, 185
Decimal	15196089
CIELab	88.57, -3.34, 19.63
CIELCh	89, 19.914, 99.668
Yxy	73.2671, 0.3443, 0.3704
Android (android.graphics.Color)	4293386169 (0xFFE7DFB9)
YUV	221.0600, -17.7776, 8.7174
Hunter-Lab	85.5962, -7.7802, 20.8149

Details

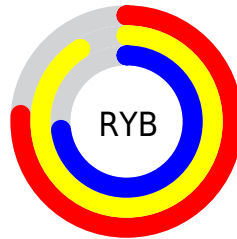
The RGB color **231, 223, 185** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **185, 193, 231**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 241**, and **175, 168, 132** is the 20% darker color. If you saturate the color by 10%, you get **231, 219, 162**, and if you desaturate by 10%, it is **231, 227, 208**.

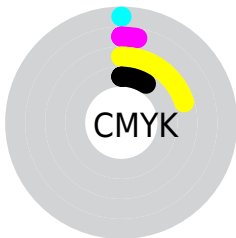
Distribution



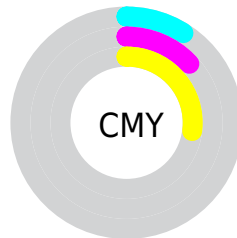
- Red (91%)
- Green (87%)
- Blue (73%)



- Red (76%)
- Yellow (91%)
- Blue (73%)



- Cyan (0%)
- Magenta (3%)
- Yellow (20%)
- Black (9%)




- Cyan (9%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 223, 185 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, 223, 185 by changing the saturation by 10% instead.

 231, 223, 185

255, 255, 255

 255, 255, 241

 231, 223, 185

 203, 195, 158

 175, 168, 132

 148, 142, 106

 122, 116, 82

 97, 91, 59

 73, 68, 37

 49, 46, 16

 29, 25, 0

 0, 0, 0

 231, 223, 185

 231, 223, 185

 231, 219, 162


 231, 227, 208

 231, 215, 139


 231, 231, 231

 231, 211, 116


 231, 235, 254

 231, 207, 93


 231, 239, 255

 231, 203, 70


 231, 243, 255

 231, 199, 46


 231, 247, 255

 231, 195, 23

 231, 251, 255

 231, 191, 0

 231, 255, 255

 231, 191, 0

Harmonies

Analogous

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



249, 217, 187



231, 223, 185



209, 229, 193

Triad

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



231, 223, 185



173, 232, 246



252, 211, 236

Complementary

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



231, 223, 185



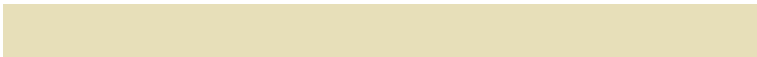
185, 193, 231

Split Complementary

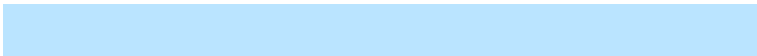
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233, 216, 252



231, 223, 185



186, 228, 255

Square

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



231, 223, 185



175, 234, 228



209, 222, 255



255, 209, 217

Rectangle

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



231, 223, 185



195, 231, 203



209, 222, 255



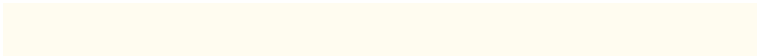
247, 212, 242

Sweetspot

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



231, 223, 185



255, 252, 240



231, 185, 193



128, 126, 119



0, 0, 0



128, 128, 128

Same Dimension

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



231, 223, 185



255, 244, 194



216, 231, 185



115, 113, 103



179, 147, 0



51, 42, 0

Inverse Universe

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



185, 193, 231



194, 204, 255



200, 185, 231



103, 105, 115



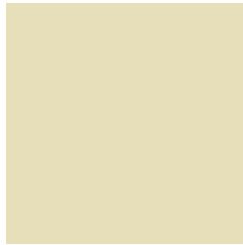
0, 31, 179



0, 9, 51

Previews

White Background



This preview shows how the RGB color 231, 223, 185 looks on a white background.

Color Contrast Check

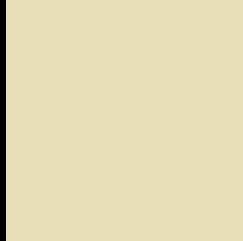
Large Text (above 18pt) WCAG AA × Fail

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, 223, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

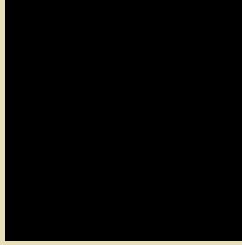
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

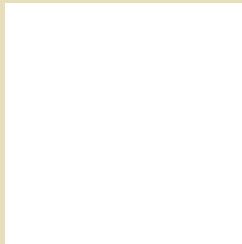
Any Text WCAG AAA ✓ Pass

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

RGB 231, 223, 185 Background



This preview shows how black text looks on a background with the RGB color 231, 223, 185.



This preview shows how white text looks on a background with the RGB color 231, 223, 185.

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](#).

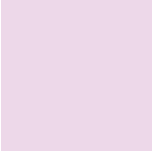
Dichromacy



Original Color
231, 223, 185

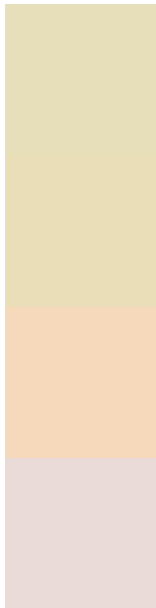
Protanopia
235, 222, 184

Deuteranopia
255, 214, 188



Tritanopia
237, 216, 233

Trichromacy



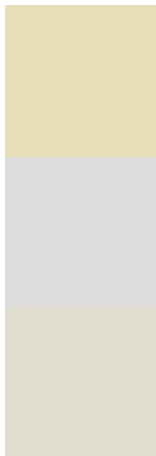
Original Color
231, 223, 185

Protanomaly
234, 222, 184

Deuteranomaly
246, 217, 187

Tritanomaly
235, 219, 216

Monochromacy



Original Color
231, 223, 185

Achromatopsia
221, 221, 221

Achromatomaly
225, 222, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 223, 185 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, 223, 185)` looks like.

```
.text, #text, p{  
    color:rgb(231, 223, 185)  
}
```

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, 223, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 223, 185) }
```

Border

The CSS property to change the border of an element to RGB 231, 223, 185 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, 223, 185) }
```

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

```
.border{ border-color:rgb(231, 223, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 223, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 223, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 223, 185);  
box-shadow:4px 4px 4px 4px rgb(231, 223,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 231, 223, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 223, 185) }
```

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

```
.background{ background-color: rgb(231,  
223, 185) }
```

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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