

Converting Colors

RGB(231, 227, 215)

Have a look what the booklet for
RGB(231, 227, 215) contains.

RGB(231, 227, 215)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(231, 227, 215)

Conversions

Conversions Part 1

Format	Color
Hex	E7E3D7
RGB	231, 227, 215
RGB Percent	91%, 89%, 84%
CMY	0.0941, 0.1098, 0.1569
CMYK	0.00, 0.02, 0.07, 0.09
HSL	45°, 25%, 87%
HSV	45°, 7%, 91%
XYZ	72.6898, 76.8334, 75.2891
YIQ	226.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

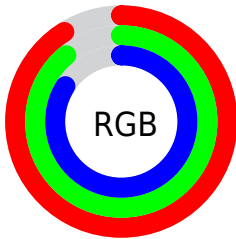
Format	Color
R _Y B	220, 231, 215
Decimal	15197143
CIE Lab	90.24, -0.71, 6.32
CIE LCh	90, 6.364, 96.384
Yxy	76.8334, 0.3233, 0.3418
Android (android.graphics.Color)	4293387223 (0xFFE7E3D7)
YUV	226.8280, -5.8312, 3.6588
Hunter-Lab	87.6547, -5.3701, 10.4324

Details

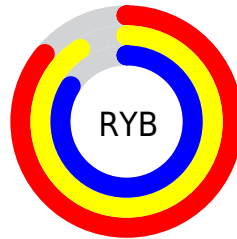
The RGB color **231, 227, 215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215, 219, 231**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 172, 160** is the 20% darker color. If you saturate the color by 10%, you get **231, 221, 192**, and if you desaturate by 10%, it is **231, 233, 238**.

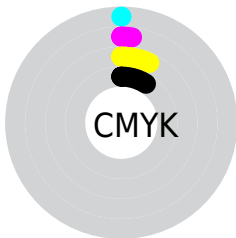
Distribution



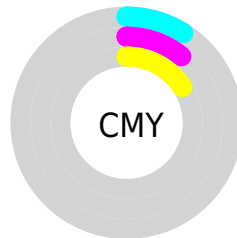
- Red (91%)
- Green (89%)
- Blue (84%)



- Red (86%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 227, 215 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, 227, 215 by changing the saturation by 10% instead.

■ 231, 227, 215

255, 255, 255

■ 231, 227, 215

■ 203, 199, 187

■ 175, 172, 160

■ 149, 145, 134

■ 123, 120, 109

■ 98, 95, 85

■ 74, 71, 61

■ 52, 49, 40

■ 30, 28, 19

■ 0, 1, 0


 231, 227, 215

 231, 227, 215

 231, 221, 192

 231, 233, 238

 231, 215, 169


 231, 239, 255

 231, 210, 146


 231, 244, 255


 231, 204, 123


 231, 250, 255


 231, 198, 100

 231, 255, 255

 231, 192, 76

 231, 187, 53

 231, 181, 30

 231, 175, 7

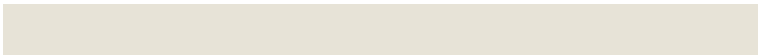
Harmonies

Analogous

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



237, 225, 216



231, 227, 215



224, 229, 217

Triad

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



231, 227, 215



213, 230, 234



236, 224, 232

Complementary

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



231, 227, 215



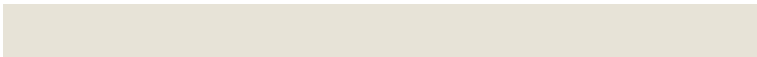
215, 219, 231

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.



230, 225, 237



231, 227, 215



216, 229, 238

Square

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



231, 227, 215



213, 231, 228



223, 227, 239



240, 223, 226

Rectangle

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



231, 227, 215



219, 230, 220



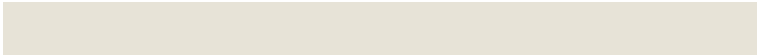
223, 227, 239



235, 224, 234

Sweetspot

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



231, 227, 215



255, 254, 250



231, 215, 219



128, 127, 125



0, 0, 0



128, 128, 128

Same Dimension

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



231, 227, 215



255, 250, 235



227, 231, 215



115, 112, 103



179, 134, 0



51, 38, 0

Inverse Universe

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



215, 219, 231



235, 240, 255



219, 215, 231



103, 106, 115



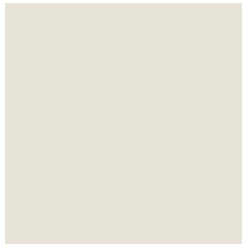
0, 45, 179



0, 13, 51

Previews

White Background



This preview shows how the RGB color 231, 227, 215 looks on a white background.

Color Contrast Check

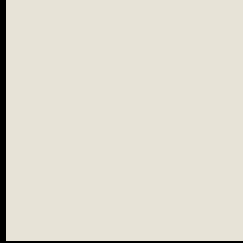
Large Text (above 18pt) WCAG AA × Fail

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, 227, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

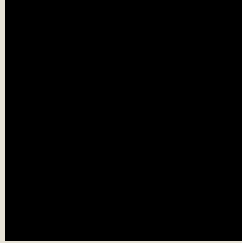
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

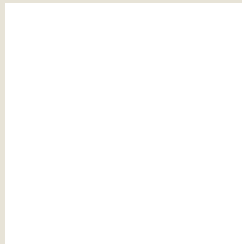
Any Text WCAG AAA ✓ Pass

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

RGB 231, 227, 215 Background



This preview shows how black text looks on a background with the RGB color 231, 227, 215.



This preview shows how white text looks on a background with the RGB color 231, 227, 215.

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

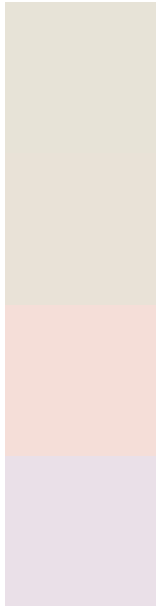
	Original Color 231, 227, 215
	Protanopia 234, 226, 215
	Deuteranopia 253, 219, 217



Tritanopia

235, 223, 241

Trichromacy



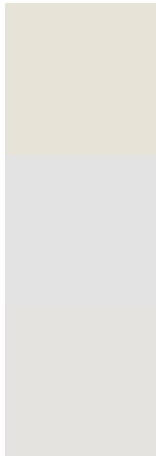
Original Color
231, 227, 215

Protanomaly
233, 226, 215

Deuteranomaly
245, 222, 216

Tritanomaly
234, 224, 232

Monochromacy



Original Color
231, 227, 215

Achromatopsia
227, 227, 227

Achromatomaly
228, 227, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 227, 215 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, 227, 215)` looks like.

```
.text, #text, p{  
    color:rgb(231, 227, 215)  
}
```

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, 227, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 227, 215) }
```

Border

The CSS property to change the border of an element to RGB 231, 227, 215 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, 227, 215) }
```

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

```
.border{ border-color:rgb(231, 227, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 227, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 227, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 227, 215); box-shadow:4px 4px 4px 4px rgb(231, 227, 215) }
```

Background

The CSS property to change the background color of an element to RGB 231, 227, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 227, 215) }
```

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

```
.background{ background-color: rgb(231,  
227, 215) }
```

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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