Converting Colors

RGB(231, 206, 196)

Have a look what the booklet for RGB(231, 206, 196) contains.

Color

RGB(231, 206, 196)

Conversions

Format	Color
Hex	E7CEC4
RGB	231, 206, 196
RGB Percent	91%, 81%, 77%
CMY	0.0941, 0.1922, 0.2314
CMYK	0.00, 0.11, 0.15, 0.09
HSL	17°, 42%, 84%
HSV	17°, 15%, 91%
XYZ	64.9901, 65.1171, 61.3681
YIQ	212.3350, 18.1100, 2.1900

Conversions Part 1

Conversions

Conversions Part 2

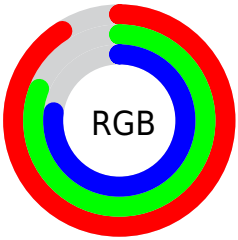
Format	Color
RYB	231, 210, 196
Decimal	15191748
CIELab	84.54, 7.11, 8.15
CIELCh	85, 10.816, 48.869
Yxy	65.1171, 0.3394, 0.3401
Android (android.graphics.Color)	4293381828 (0xFFE7CEC4)
YUV	212.3350, -8.0532, 16.3692
Hunter-Lab	80.6951, 2.5435, 11.3970

Details

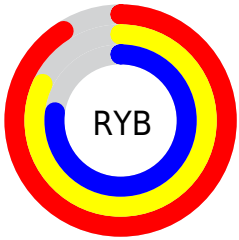
The RGB color 231, 206, 196 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 196, 221, 231, and the grayscale version is 212, 212, 212.

A 20% lighter version of the original color is 255, 255, 253, and 175, 152, 142 is the 20% darker color. If you saturate the color by 10%, you get 231, 190, 173, and if you desaturate by 10%, it is 231, 223, 219.

Distribution

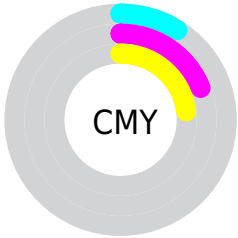


- Red (91%)
- Green (81%)
- Blue (77%)



- Red (91%)
- Yellow (82%)
- Blue (77%)

- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (9%)



- Cyan (9%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 206, 196 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, 206, 196 by changing the saturation by 10% instead.

231, 206, 196

255, 255, 255

255, 255, 253

231, 206, 196

203, 179, 169

175, 152, 142

148, 126, 117

122, 101, 92

97, 77, 69

73, 54, 46

50, 33, 26

31, 10, 0

0, 0, 0

231, 206, 196

231, 190, 173

231, 173, 150

231, 157, 127

231, 140, 104

231, 123, 81

231, 107, 57

231, 90, 34

231, 74, 11

231, 66, 0

231, 206, 196

231, 223, 219

231, 239, 242

231, 255, 255

Harmonies

Analogous

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

233, 204, 205

231, 206, 196

223, 209, 191

Triad

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

231, 206, 196

191, 217, 207

208, 210, 230

Complementary

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

231, 206, 196

196, 221, 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.

196, 213, 231

231, 206, 196

186, 217, 217

Square

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

231, 206, 196

201, 215, 197

188, 216, 226

221, 206, 224

Rectangle

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

231, 206, 196

216, 211, 191

188, 216, 226

204, 211, 231

Sweetspot

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

231, 206, 196

255, 246, 242

231, 196, 221

128, 122, 120

0, 0, 0

128, 128, 128

Same Dimension

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

231, 206, 196

255, 222, 209

231, 223, 196

115, 107, 103

179, 51, 0

51, 15, 0

Inverse Universe

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

196, 221, 231

209, 242, 255

196, 204, 231

103, 111, 115

0, 128, 179

0, 36, 51

Previews

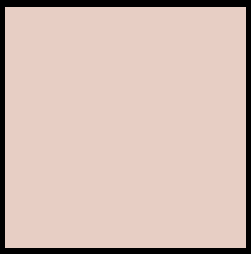
White Background

This preview shows how the RGB color 231, 206, 196 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



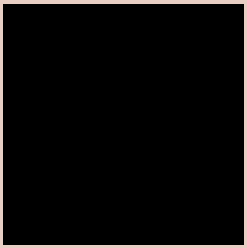
This preview shows how the RGB color 231, 206, 196 looks on a black background.

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, 206, 196 Background



This preview shows how black text looks on a background with the RGB color 231, 206, 196.

This preview shows how white text looks on a background with the RGB color 231, 206, 196.

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, 206, 196

Protanopia
218, 210, 198

Deuteranopia
237, 204, 196

Tritanopia
234, 203, 218

Trichromacy

Original Color
231, 206, 196

Protanomaly
223, 209, 197

Deuteranomaly
235, 205, 196

Tritanomaly
233, 204, 210

Monochromacy

Original Color
231, 206, 196

Achromatopsia
212, 212, 212

Achromatomaly
219, 210, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 206, 196 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, 206, 196) looks like.

```
.text, #text, p{
    color:rgb(231, 206, 196)
}
```

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, 206, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 206, 196) }
```

Border

The CSS property to change the border of an element to RGB 231, 206, 196 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, 206, 196) }
```

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

```
.border{ border-color:rgb(231, 206, 196) }
```

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

Here you see how a box with a 4 pixel rgb(231, 206, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 206, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 206, 196); box-shadow:4px 4px 4px 4px rgb(231, 206, 196) }
```

Background

The CSS property to change the background color of an element to RGB 231, 206, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(231, 206, 196) }
```

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

```
.background{ background-color:rgb(231,
206, 196) }
```

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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