

Converting Colors

RGB(227, 210, 206)

Have a look what the booklet for
RGB(227, 210, 206) contains.

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Color

RGB(227, 210, 206)

Conversions

Conversions Part 1

Format	Color
Hex	E3D2CE
RGB	227, 210, 206
RGB Percent	89%, 82%, 81%
CMY	0.1098, 0.1765, 0.1922
CMYK	0.00, 0.07, 0.09, 0.11
HSL	11°, 27%, 85%
HSV	11°, 9%, 89%
XYZ	65.8657, 66.8803, 67.8302
YIQ	214.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

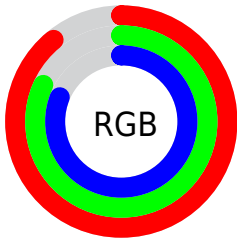
Format	Color
R _Y B	227, 211, 206
Decimal	14930638
CIE Lab	85.44, 5.21, 4.09
CIE LCh	85, 6.622, 38.156
Yxy	66.8803, 0.3284, 0.3334
Android (android.graphics.Color)	4293120718 (0xFFE3D2CE)
YUV	214.6270, -4.2531, 10.8511
Hunter-Lab	81.7804, 0.6478, 8.0700

Details

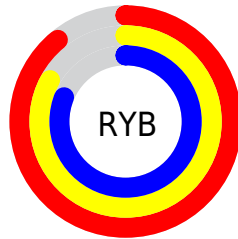
The RGB color **227, 210, 206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206, 223, 227**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 156, 152** is the 20% darker color. If you saturate the color by 10%, you get **227, 192, 183**, and if you desaturate by 10%, it is **227, 228, 229**.

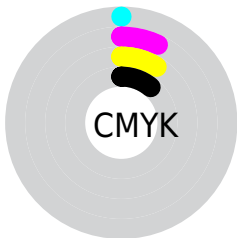
Distribution



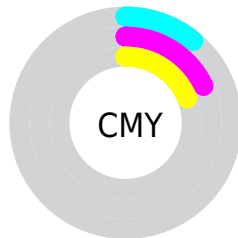
- Red (89%)
- Green (82%)
- Blue (81%)



- Red (89%)
- Yellow (83%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 210, 206 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 227, 210, 206 by changing the saturation by 10% instead.

■ 227, 210, 206

255, 255, 255

■ 227, 210, 206

■ 199, 182, 179

■ 172, 156, 152

■ 145, 130, 126

■ 119, 104, 101

■ 94, 80, 77

■ 71, 57, 54

■ 48, 36, 33

■ 28, 15, 10


■ 0, 0, 0

 227, 210, 206

 227, 210, 206

 227, 192, 183


 227, 228, 229

 227, 173, 161

 227, 247, 251

 227, 155, 138

 227, 255, 255

 227, 136, 115

 227, 118, 93

 227, 100, 70

 227, 81, 47

 227, 63, 24

 227, 45, 2

Harmonies

Analogous

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



227, 209, 212



227, 210, 206



223, 212, 202

Triad

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



227, 210, 206



203, 217, 209



209, 213, 226

Complementary

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



227, 210, 206



206, 223, 227

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.



203, 215, 225



227, 210, 206



199, 217, 215

Square

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



227, 210, 206



210, 216, 204



199, 217, 221



217, 211, 223

Rectangle

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



227, 210, 206



219, 213, 201



199, 217, 221



207, 214, 226

Sweetspot

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



227, 210, 206



255, 249, 247



227, 206, 223



128, 123, 122



0, 0, 0



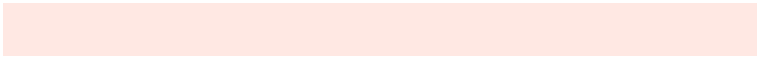
128, 128, 128

Same Dimension

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



227, 210, 206



255, 232, 227



227, 220, 206



115, 105, 103



179, 34, 0



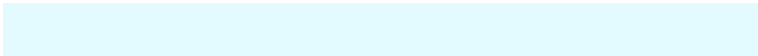
51, 10, 0

Inverse Universe

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



206, 223, 227



227, 250, 255



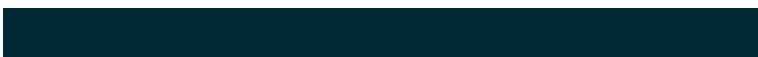
206, 213, 227



103, 113, 115



0, 145, 179



0, 41, 51

Previews

White Background



This preview shows how the RGB color 227, 210, 206 looks on a white background.

Color Contrast Check

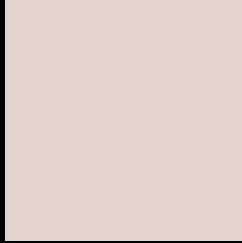
Large Text (above 18pt) WCAG AA × Fail

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 227, 210, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

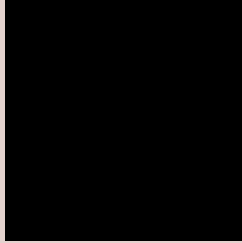
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

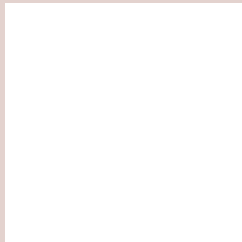
Any Text WCAG AAA ✓ Pass

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

RGB 227, 210, 206 Background



This preview shows how black text looks on a background with the RGB color 227, 210, 206.



This preview shows how white text looks on a background with the RGB color 227, 210, 206.

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
[227, 210, 206](#)

Protanopia
[219, 213, 207](#)

Deuteranopia
[237, 206, 207](#)



Tritanopia
229, 207, 224

Trichromacy



Original Color

227, 210, 206

Protanomaly

222, 212, 207

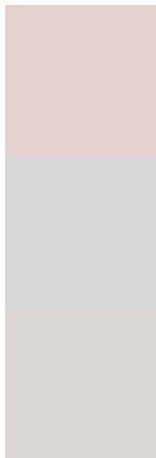
Deuteranomaly

233, 207, 207

Tritanomaly

228, 208, 217

Monochromacy



Original Color

227, 210, 206

Achromatopsia

215, 215, 215

Achromatomaly

219, 213, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 210, 206 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(227, 210, 206) looks like.

```
.text, #text, p{  
    color:rgb(227, 210, 206)  
}
```

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(227, 210, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 210, 206) }
```

Border

The CSS property to change the border of an element to RGB 227, 210, 206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

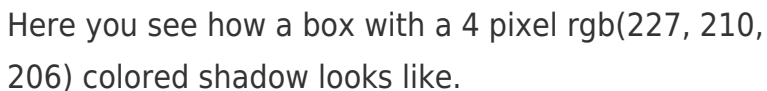
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 210, 206) }
```

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

```
.border{ border-color:rgb(227, 210, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 210, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 210, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 210, 206); box-shadow:4px 4px 4px 4px rgb(227, 210, 206) }
```

Background

The CSS property to change the background color of an element to RGB 227, 210, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 210, 206) }
```

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

```
.background{ background-color: rgb(227,  
210, 206) }
```

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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