

Converting Colors

RGB(227, 206, 193)

Have a look what the booklet for
RGB(227, 206, 193) contains.

RGB(227, 206, 193)	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(227, 206, 193)

Conversions

Conversions Part 1

Format	Color
Hex	E3CEC1
RGB	227, 206, 193
RGB Percent	89%, 81%, 76%
CMY	0.1098, 0.1922, 0.2431
CMYK	0.00, 0.09, 0.15, 0.11
HSL	23°, 38%, 82%
HSV	23°, 15%, 89%
XYZ	63.3755, 64.3238, 59.5276
YIQ	210.7970, 16.6890, 0.4090

Conversions

Conversions Part 2

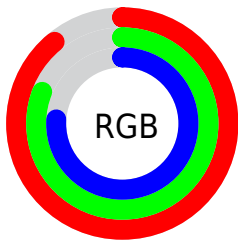
Format	Color
R _Y B	227, 214, 193
Decimal	14929601
CIE Lab	84.13, 5.20, 9.11
CIE LCh	84, 10.489, 60.263
Yxy	64.3238, 0.3385, 0.3436
Android (android.graphics.Color)	4293119681 (0xFFE3CEC1)
YUV	210.7970, -8.7739, 14.2100
Hunter-Lab	80.2021, 0.6966, 12.1353

Details

The RGB color **227, 206, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 214, 227**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 255, 249, and **171, 152, 140** is the 20% darker color. If you saturate the color by 10%, you get **227, 192, 170**, and if you desaturate by 10%, it is **227, 220, 216**.

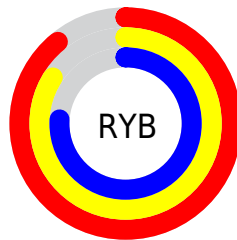
Distribution



Red (89%)

Green (81%)

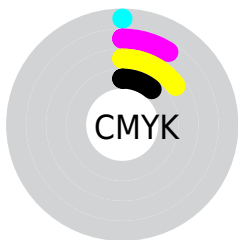
Blue (76%)



Red (89%)

Yellow (84%)

Blue (76%)

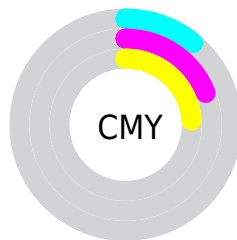


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 206, 193 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, 206, 193 by changing the saturation by 10% instead.


 227, 206, 193

255, 255, 255

 255, 255, 249

 227, 206, 193

 199, 179, 166

 171, 152, 140

 145, 126, 114

 119, 101, 90

 94, 77, 66

 70, 54, 44

 47, 33, 23

 27, 10, 0

 0, 0, 0

 227, 206, 193

 227, 206, 193

 227, 192, 170

 227, 220, 216

 227, 178, 148

 227, 234, 238

 227, 164, 125

 227, 248, 255

 227, 150, 102

 227, 255, 255

 227, 136, 79

 227, 122, 57

 227, 108, 34

 227, 94, 11

 227, 87, 0

Harmonies

Analogous

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



231, 204, 200



227, 206, 193



218, 209, 190

Triad

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



227, 206, 193



188, 216, 210



212, 207, 227

Complementary

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



227, 206, 193



193, 214, 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.



200, 211, 229



227, 206, 193



185, 215, 219

Square

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



227, 206, 193



196, 215, 200



190, 214, 227



223, 205, 220

Rectangle

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



227, 206, 193



211, 211, 191



190, 214, 227



208, 208, 228

Sweetspot

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



227, 206, 193



255, 249, 245



227, 193, 215



128, 124, 121



0, 0, 0



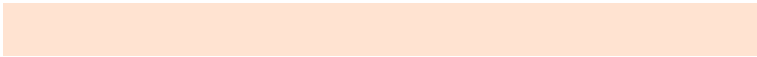
128, 128, 128

Same Dimension

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



227, 206, 193



255, 227, 209



227, 222, 193



115, 108, 103



179, 68, 0



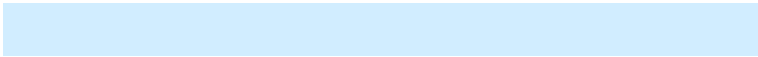
51, 20, 0

Inverse Universe

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



193, 214, 227



209, 237, 255



193, 198, 227



103, 110, 115



0, 110, 179



0, 31, 51

Previews

White Background



This preview shows how the RGB color 227, 206, 193 looks on a white background.

Color Contrast Check

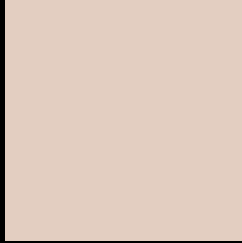
Large Text (above 18pt) WCAG AA × Fail

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, 206, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

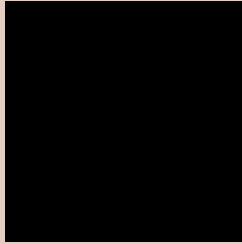
Any Text WCAG AA ✓ Pass

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, 206, 193 Background



This preview shows how black text looks on a background with the RGB color 227, 206, 193.

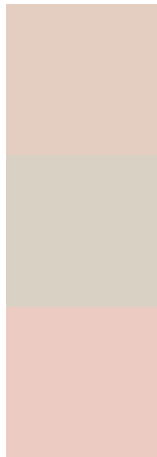


This preview shows how white text looks on a background with the RGB color 227, 206, 193.

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, 206, 193

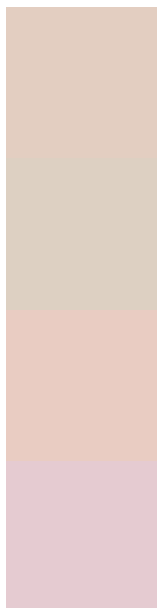
Protanopia
217, 209, 195

Deuteranopia
236, 203, 194



Tritanopia
230, 202, 218

Trichromacy



Original Color

227, 206, 193

Protanomaly

221, 208, 194

Deuteranomaly

233, 204, 194

Tritanomaly

229, 203, 209

Monochromacy



Original Color

227, 206, 193

Achromatopsia

211, 211, 211

Achromatomaly

217, 209, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 206, 193 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, 206, 193)` looks like.

```
.text, #text, p{  
    color:rgb(227, 206, 193)  
}
```

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, 206, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 206, 193) }
```

Border

The CSS property to change the border of an element to RGB 227, 206, 193 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, 206, 193) }
```

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

```
.border{ border-color:rgb(227, 206, 193) }
```

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

Here you see how a box with a 4 pixel rgb(227, 206, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 206, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 206, 193);  
box-shadow:4px 4px 4px 4px rgb(227, 206,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 227, 206, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 206, 193) }
```

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

```
.background{ background-color: rgb(227,  
206, 193) }
```

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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