Converting Colors

RGB(229, 210, 193)

Have a look what the booklet for RGB(229, 210, 193) contains.

Color

RGB(229, 210, 193)

Conversions

Conversions Part 1

Format	Color
Hex	E5D2C1
RGB	229, 210, 193
RGB Percent	90%, 82%, 76%
CMY	0.1020, 0.1765, 0.2431
CMYK	0.00, 0.08, 0.16, 0.10
HSL	28°, 41%, 83%
HSV	28°, 16%, 90%
XYZ	64.9853, 66.6015, 59.8823
YIQ	213.7430, 16.7810, -1.2590

Conversions

Conversions Part 2

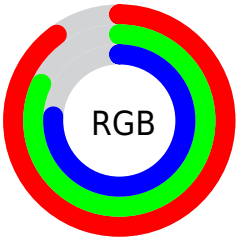
Format	Color
RYB	229, 225, 193
Decimal	15061697
CIELab	85.30, 3.84, 10.80
CIELCh	85, 11.459, 70.447
Yxy	66.6015, 0.3394, 0.3478
Android (android.graphics.Color)	4293251777 (0xFFE5D2C1)
YUV	213.7430, -10.2263, 13.3804
Hunter-Lab	81.6097, -0.6785, 13.6219

Details

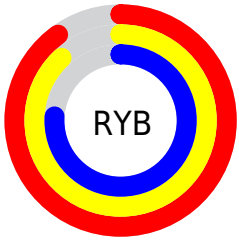
The RGB color 229, 210, 193 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 193, 212, 229, and the grayscale version is 214, 214, 214.

A 20% lighter version of the original color is 255, 255, 249, and 173, 156, 139 is the 20% darker color. If you saturate the color by 10%, you get 229, 198, 170, and if you desaturate by 10%, it is 229, 222, 216.

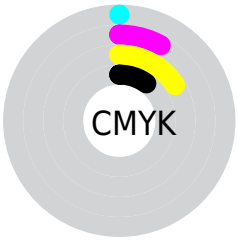
Distribution



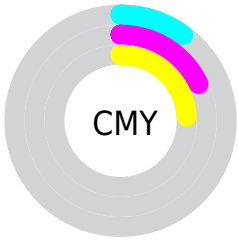
- Red (90%)
- Green (82%)
- Blue (76%)



- Red (90%)
- Yellow (88%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (10%)



- Cyan (10%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 210, 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 229, 210, 193 by changing the saturation by 10% instead.

229, 210, 193

255, 255, 255

255, 255, 249

229, 210, 193

201, 182, 166

173, 156, 139

147, 130, 114

121, 104, 89

96, 80, 66

71, 57, 44

49, 36, 23

29, 15, 0

0, 0, 0

229, 210, 193

229, 198, 170

229, 186, 147

229, 174, 124

229, 162, 101

229, 150, 78

229, 137, 56

229, 125, 33

229, 113, 10

229, 108, 0

229, 210, 193

229, 222, 216

229, 234, 239

229, 246, 255

229, 255, 255

Harmonies

Analogous

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

236, 207, 199

229, 210, 193

218, 214, 192

Triad

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

229, 210, 193

187, 220, 217

220, 209, 230

Complementary

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

229, 210, 193

193, 212, 229

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.

207, 213, 234

229, 210, 193

187, 219, 227

Square

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

229, 210, 193

194, 219, 206

194, 216, 233

231, 207, 221

Rectangle

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

229, 210, 193

210, 216, 194

194, 216, 233

216, 210, 232

Sweetspot

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

229, 210, 193

255, 248, 242

229, 193, 212

128, 123, 120

0, 0, 0

128, 128, 128

Same Dimension

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

229, 210, 193

255, 229, 207

229, 228, 193

115, 109, 103

179, 84, 0

51, 24, 0

Inverse Universe

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

193, 212, 229

207, 232, 255

193, 194, 229

103, 109, 115

0, 94, 179

0, 27, 51

Previews

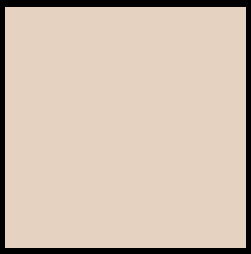
White Background

This preview shows how the RGB color 229, 210, 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



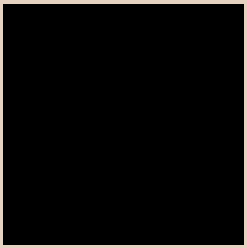
This preview shows how the RGB color 229, 210, 193 looks on a black background.

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 229, 210, 193 Background



This preview shows how black text looks on a background with the RGB color 229, 210, 193.

This preview shows how white text looks on a background with the RGB color 229, 210, 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
229, 210, 193

Protanopia
221, 212, 194

Deuteranopia
241, 206, 194

Tritanopia
233, 206, 222

Trichromacy

Original Color
229, 210, 193

Protanomaly
224, 211, 194

Deuteranomaly
237, 207, 194

Tritanomaly
232, 207, 211

Monochromacy

Original Color
229, 210, 193

Achromatopsia
214, 214, 214

Achromatomaly
219, 213, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 210, 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(229, 210, 193) looks like.

```
.text, #text, p{
    color:rgb(229, 210, 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(229, 210, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 210, 193) }
```

Border

The CSS property to change the border of an element to RGB 229, 210, 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(229, 210, 193) }
```

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

```
.border{ border-color:rgb(229, 210, 193) }
```

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

Here you see how a box with a 4 pixel rgb(229, 210, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 210, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 210, 193); box-shadow:4px 4px 4px 4px rgb(229, 210, 193) }
```

Background

The CSS property to change the background color of an element to RGB 229, 210, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(229, 210, 193) }
```

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

```
.background{ background-color:rgb(229,
210, 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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