

Converting Colors

RGB(227, 218, 200)

Have a look what the booklet for
RGB(227, 218, 200) contains.

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Color

RGB(227, 218, 200)

Conversions

Conversions Part 1

Format	Color
Hex	E3DAC8
RGB	227, 218, 200
RGB Percent	89%, 85%, 78%
CMY	0.1098, 0.1451, 0.2157
CMYK	0.00, 0.04, 0.12, 0.11
HSL	40°, 33%, 84%
HSV	40°, 12%, 89%
XYZ	67.1753, 70.6438, 64.7387
YIQ	218.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

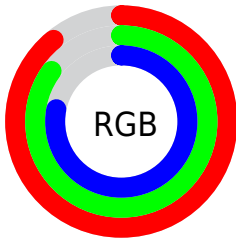
Format	Color
R _Y B	214, 227, 200
Decimal	14932680
CIE Lab	87.31, 0.07, 9.95
CIE LCh	87, 9.948, 89.612
Yxy	70.6438, 0.3316, 0.3488
Android (android.graphics.Color)	4293122760 (0xFFE3DAC8)
YUV	218.6390, -9.1890, 7.3326
Hunter-Lab	84.0499, -4.4245, 13.1673

Details

The RGB color **227, 218, 200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200, 209, 227**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 163, 146** is the 20% darker color. If you saturate the color by 10%, you get **227, 210, 177**, and if you desaturate by 10%, it is **227, 226, 223**.

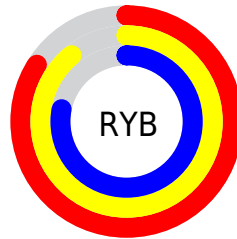
Distribution



Red (89%)

Green (85%)

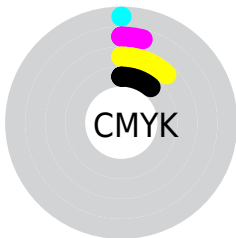
Blue (78%)



Red (84%)

Yellow (89%)

Blue (78%)

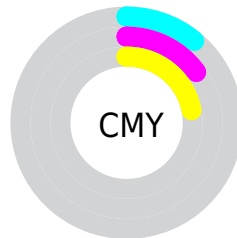


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (11%)



Cyan (11%)

Magenta (15%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 218, 200 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, 218, 200 by changing the saturation by 10% instead.

■ 227, 218, 200

255, 255, 255

■ 227, 218, 200

■ 199, 190, 173

■ 172, 163, 146

■ 145, 137, 120

■ 119, 112, 96

■ 94, 87, 72

■ 70, 64, 49

■ 48, 42, 28

■ 28, 22, 2

■ 0, 0, 0

 227, 218, 200


 227, 218, 200

 227, 210, 177

 227, 226, 223

 227, 203, 155

 227, 233, 245

 227, 195, 132

 227, 241, 255

 227, 188, 109

 227, 248, 255

 227, 180, 87

 227, 255, 255

 227, 173, 64

 227, 165, 41

 227, 157, 18

 227, 151, 0

Harmonies

Analogous

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



235, 215, 203



227, 218, 200



216, 221, 202

Triad

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



227, 218, 200



196, 224, 228



231, 214, 228

Complementary

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



227, 218, 200



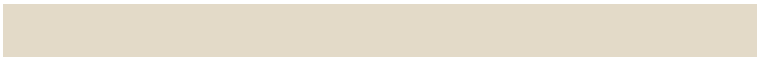
200, 209, 227

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.



221, 216, 235



227, 218, 200



200, 222, 235

Square

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



227, 218, 200



198, 224, 218



209, 220, 237



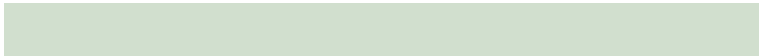
238, 213, 219

Rectangle

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



227, 218, 200



209, 223, 206



209, 220, 237



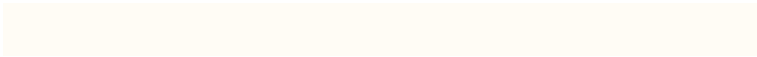
228, 215, 231

Sweetspot

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



227, 218, 200



255, 252, 245



227, 200, 209



128, 125, 121



0, 0, 0



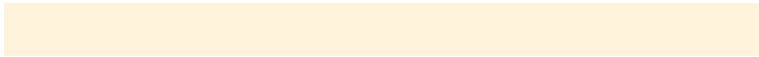
128, 128, 128

Same Dimension

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



227, 218, 200



255, 243, 219



222, 227, 200



115, 111, 103



179, 119, 0



51, 34, 0

Inverse Universe

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



200, 209, 227



219, 231, 255



204, 200, 227



103, 107, 115



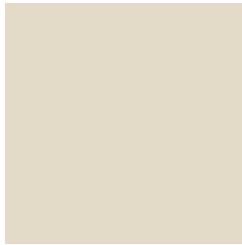
0, 59, 179



0, 17, 51

Previews

White Background



This preview shows how the RGB color 227, 218, 200 looks on a white background.

Color Contrast Check

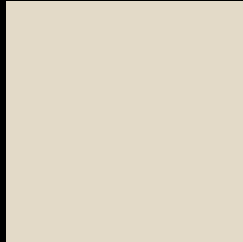
Large Text (above 18pt) WCAG AA × Fail

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, 218, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

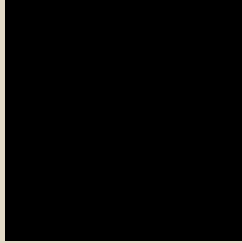
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

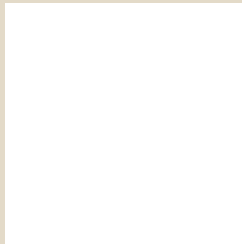
Any Text WCAG AAA ✓ Pass

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

RGB 227, 218, 200 Background



This preview shows how black text looks on a background with the RGB color 227, 218, 200.

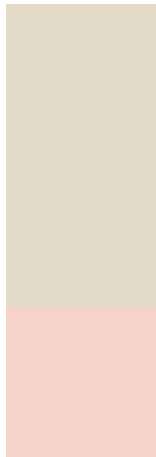


This preview shows how white text looks on a background with the RGB color 227, 218, 200.

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, 218, 200

Protanopia
227, 218, 200

Deuteranopia
246, 211, 201



Tritanopia
231, 214, 230

Trichromacy



Original Color

227, 218, 200

Protanomaly

227, 218, 200

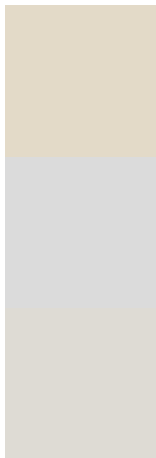
Deuteranomaly

239, 214, 201

Tritanomaly

230, 215, 219

Monochromacy



Original Color

227, 218, 200

Achromatopsia

219, 219, 219

Achromatomaly

222, 219, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 218, 200 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, 218, 200)` looks like.

```
.text, #text, p{  
    color:rgb(227, 218, 200)  
}
```

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, 218, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 218, 200) }
```

Border

The CSS property to change the border of an element to RGB 227, 218, 200 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, 218, 200) }
```

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

```
.border{ border-color:rgb(227, 218, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 218, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 218, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 218, 200); box-shadow:4px 4px 4px 4px rgb(227, 218, 200) }
```

Background

The CSS property to change the background color of an element to RGB 227, 218, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 218, 200) }
```

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

```
.background{ background-color: rgb(227,  
218, 200) }
```

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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