Converting Colors

RGB(245, 238, 198)

Have a look what the booklet for RGB(245, 238, 198) contains.

Color

RGB(245, 238, 198)

Conversions

Conversions Part 1

Format	Color
Hex	F5EEC6
RGB	245, 238, 198
RGB Percent	96%, 93%, 78%
CMY	0.0392, 0.0667, 0.2235
CMYK	0.00, 0.03, 0.19, 0.04
HSL	51°, 70%, 87%
HSV	51°, 19%, 96%
XYZ	78.4238, 84.6388, 65.6296
YIQ	235.5330, 17.0120, -10.9560

Conversions

Conversions Part 2

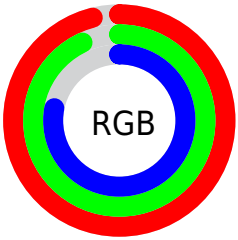
Format	Color
RYB	206, 245, 198
Decimal	16117446
CIELab	93.73, -4.00, 20.24
CIELCh	94, 20.632, 101.173
Yxy	84.6388, 0.3429, 0.3701
Android (android.graphics.Color)	4294307526 (0xFFF5EEC6)
YUV	235.5330, -18.5038, 8.3026
Hunter-Lab	91.9993, -8.8386, 22.1038

Details

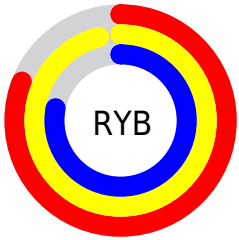
The RGB color 245, 238, 198 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 198, 205, 245, and the grayscale version is 236, 236, 236.

A 20% lighter version of the original color is 255, 255, 255, and 188, 182, 144 is the 20% darker color. If you saturate the color by 10%, you get 245, 234, 174, and if you desaturate by 10%, it is 245, 242, 223.

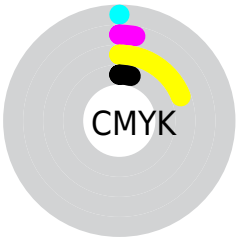
Distribution



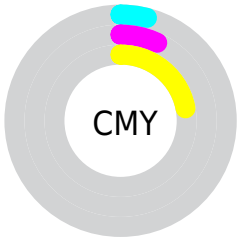
- Red (96%)
- Green (93%)
- Blue (78%)



- Red (81%)
- Yellow (96%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 245, 238, 198 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 245, 238, 198 by changing the saturation by 10% instead.

245, 238, 198

255, 255, 255

255, 255, 255

245, 238, 198

216, 210, 171

188, 182, 144

161, 155, 118

135, 129, 93

109, 104, 70

84, 80, 47

60, 57, 25

39, 36, 0

11, 15, 0

245, 238, 198

245, 234, 174

245, 231, 149

245, 227, 125

245, 223, 100

245, 220, 76

245, 216, 51

245, 212, 26

245, 209, 2

245, 209, 0

245, 238, 198

245, 242, 223

245, 245, 247

245, 249, 255

245, 253, 255

245, 255, 255

Harmonies

Analogous

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

255, 231, 200

245, 238, 198

222, 244, 207

Triad

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

245, 238, 198

186, 247, 255

255, 225, 250

Complementary

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

245, 238, 198

198, 205, 245

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.

250, 230, 255

245, 238, 198

200, 242, 255

Square

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

245, 238, 198

187, 249, 244

225, 236, 255

255, 223, 230

Rectangle

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

245, 238, 198

208, 247, 217

225, 236, 255

255, 226, 255

Sweetspot

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

245, 238, 198

255, 253, 240

245, 198, 205

128, 126, 119

0, 0, 0

128, 128, 128

Same Dimension

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

245, 238, 198

255, 246, 196

229, 245, 198

122, 121, 110

186, 158, 0

59, 50, 0

Inverse Universe

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

198, 205, 245

196, 205, 255

214, 198, 245

110, 112, 122

0, 28, 186

0, 9, 59

Previews

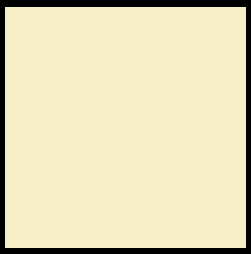
White Background

This preview shows how the RGB color 245, 238, 198 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



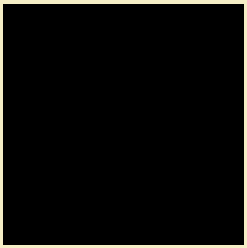
This preview shows how the RGB color 245, 238, 198 looks on a black background.

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 245, 238, 198 Background



This preview shows how black text looks on a background with the RGB color 245, 238, 198.

This preview shows how white text looks on a background with the RGB color 245, 238, 198.

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
245, 238, 198

Protanopia
250, 236, 197

Deuteranopia
255, 233, 220

Tritanopia
252, 231, 249

Trichromacy

Original Color
245, 238, 198

Protanomaly
248, 237, 197

Deuteranomaly
251, 235, 212

Tritanomaly
249, 234, 230

Monochromacy

Original Color
245, 238, 198

Achromatopsia
236, 236, 236

Achromatomaly
239, 237, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 238, 198 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(245, 238, 198) looks like.

```
.text, #text, p{
    color:rgb(245, 238, 198)
}
```

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(245, 238, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 238, 198) }
```

Border

The CSS property to change the border of an element to RGB 245, 238, 198 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(245, 238, 198) }
```

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

```
.border{ border-color:rgb(245, 238, 198) }
```

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

Here you see how a box with a 4 pixel rgb(245, 238, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 238, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 238, 198); box-shadow:4px 4px 4px 4px rgb(245, 238, 198) }
```

Background

The CSS property to change the background color of an element to RGB 245, 238, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(245, 238, 198) }
```

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

```
.background{ background-color:rgb(245,
238, 198) }
```

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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