Converting Colors

RGB(251, 248, 197)

Have a look what the booklet for RGB(251, 248, 197) contains.

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Color

RGB(251, 248, 197)

Conversions

Conversions Part 1

Format	Color
Hex	FBF8C5
RGB	251, 248, 197
RGB Percent	98%, 97%, 77%
CMY	0.0157, 0.0275, 0.2275
CMYK	0.00, 0.01, 0.22, 0.02
HSL	57°, 87%, 88%
HSV	57°, 22%, 98%
XYZ	83.4291, 91.6753, 66.1212
YIQ	243.0830, 18.1590, -15.2250

Conversions

Conversions Part 2

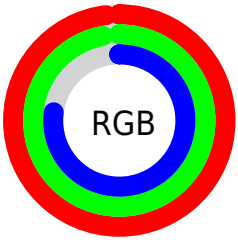
Format	Color
RYB	200, 251, 197
Decimal	16513221
CIELab	96.69, -6.99, 24.92
CIELCh	97, 25.884, 105.656
Yxy	91.6753, 0.3459, 0.3800
Android (android.graphics.Color)	4294703301 (0xFFFBF8C5)
YUV	243.0830, -22.7189, 6.9432
Hunter-Lab	95.7472, -12.0220, 26.0785

Details

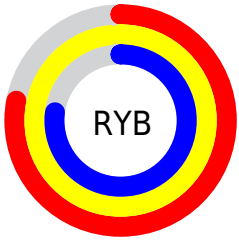
The RGB color 251, 248, 197 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 197, 200, 251, and the grayscale version is 243, 243, 243.

A 20% lighter version of the original color is 255, 255, 254, and 194, 192, 143 is the 20% darker color. If you saturate the color by 10%, you get 251, 247, 172, and if you desaturate by 10%, it is 251, 249, 222.

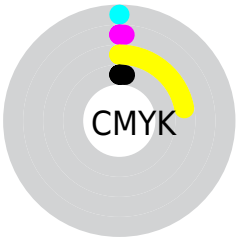
Distribution



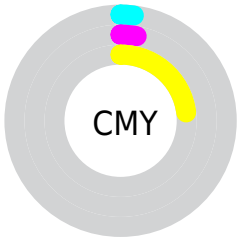
- Red (98%)
- Green (97%)
- Blue (77%)



- Red (78%)
- Yellow (98%)
- Blue (77%)



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 251, 248, 197 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 251, 248, 197 by changing the saturation by 10% instead.

251, 248, 197

255, 255, 255

255, 255, 254

251, 248, 197

222, 220, 170

194, 192, 143

167, 165, 117

140, 138, 92

114, 113, 68

89, 89, 45

65, 65, 23

42, 43, 0

18, 23, 0

251, 248, 197

251, 247, 172

251, 245, 147

251, 244, 122

251, 242, 97

251, 241, 72

251, 240, 46

251, 238, 21

251, 237, 0

251, 248, 197

251, 249, 222

251, 251, 247

251, 252, 255

251, 254, 255

251, 255, 255

251, 255, 255

Harmonies

Analogous

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

255, 240, 197

251, 248, 197

222, 255, 210

Triad

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

251, 248, 197

180, 255, 255

255, 229, 255

Complementary

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

251, 248, 197

197, 200, 251

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.

255, 235, 255

251, 248, 197

202, 251, 255

Square

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

251, 248, 197

179, 255, 255

234, 243, 255

255, 228, 233

Rectangle

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

251, 248, 197

204, 255, 224

234, 243, 255

255, 230, 255

Sweetspot

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

251, 248, 197

255, 254, 240

251, 197, 201

128, 127, 119

0, 0, 0

128, 128, 128

Same Dimension

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

251, 248, 197

255, 251, 189

228, 251, 197

125, 124, 112

189, 178, 0

61, 58, 0

Inverse Universe

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

197, 200, 251

189, 192, 255

220, 197, 251

112, 113, 125

0, 10, 189

0, 3, 61

Previews

White Background

This preview shows how the RGB color 251, 248, 197 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 251, 248, 197 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 251, 248, 197 Background

This preview shows how black text looks on a background with the RGB color 251, 248, 197.

This preview shows how white text looks on a background with the RGB color 251, 248, 197.

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
251, 248, 197

Protanopia
255, 245, 216

Deuteranopia
255, 243, 236

Tritanopia
255, 241, 255

Trichromacy

Original Color
251, 248, 197

Protanomaly
254, 246, 209

Deuteranomaly
254, 245, 222

Tritanomaly
254, 244, 234

Monochromacy

Original Color
251, 248, 197

Achromatopsia
243, 243, 243

Achromatomaly
246, 245, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 251, 248, 197 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(251, 248, 197) looks like.

```
.text, #text, p{
    color:rgb(251, 248, 197)
}
```

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(251, 248, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 248, 197) }
```

Border

The CSS property to change the border of an element to RGB 251, 248, 197 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(251, 248, 197) }
```

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

```
.border{ border-color:rgb(251, 248, 197) }
```

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

Here you see how a box with a 4 pixel rgb(251, 248, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 248, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 248, 197); box-shadow:4px 4px 4px 4px rgb(251, 248, 197) }
```

Background

The CSS property to change the background color of an element to RGB 251, 248, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(251, 248, 197) }
```

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

```
.background{ background-color:rgb(251, 248, 197) }
```

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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