

Converting Colors

`RYB(248, 244, 204)`

Have a look what the booklet for
RYB(248, 244, 204) contains.

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Color

R_YB(248, 244, 204)

Conversions

Conversions Part 1

Format	Color
Hex	F8E1CC
RGB	248, 225, 204
RGB Percent	97%, 88%, 80%
CMY	0.0275, 0.1178, 0.2000
CMYK	0.00, 0.09, 0.18, 0.03
HSL	29°, 76%, 89%
HSV	29°, 18%, 97%
XYZ	76.5228, 78.1408, 68.1762
YIQ	229.4830, 20.4490, -1.6550

Conversions

Conversions Part 2

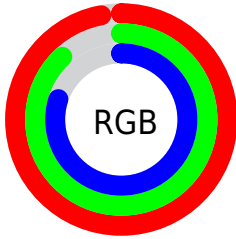
Format	Color
R _Y B	248, 244, 204
Decimal	16310732
CIE Lab	90.84, 4.61, 13.11
CIE LCh	91, 13.899, 70.633
Yxy	78.1408, 0.3434, 0.3507
Android (android.graphics.Color)	4294500812 (0xFFF8E1CC)
YUV	229.4830, -12.5631, 16.2394
Hunter-Lab	88.3973, -0.1732, 16.1508

Details

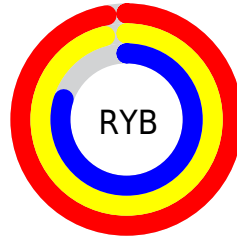
The RYB color **248, 244, 204** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **204, 219, 248**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **191, 189, 150** is the 20% darker color. If you saturate the color by 10%, you get **248, 242, 179**, and if you desaturate by 10%, it is **248, 246, 229**.

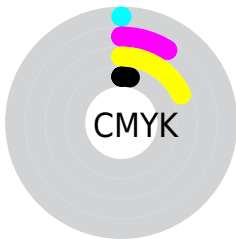
Distribution



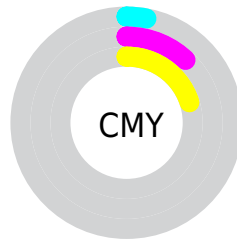
- Red (97%)
- Green (88%)
- Blue (80%)



- Red (97%)
- Yellow (96%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 244, 204 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 RYB color 248, 244, 204 by changing the saturation by 10% instead.

■ 248, 244, 204

255, 255, 255

■ 248, 244, 204

■ 219, 215, 177

■ 191, 189, 150

■ 164, 160, 124

■ 137, 137, 99

■ 112, 110, 75

■ 85, 87, 52

■ 63, 63, 31

■ 36, 41, 8

■ 16, 0, 0

 248, 244, 204

 248, 244, 204

 248, 242, 179

 248, 246, 229


 248, 240, 154


 248, 250, 254


 248, 237, 130

 248, 252, 255

 248, 235, 105

 248, 233, 80

 248, 231, 55

 248, 229, 30

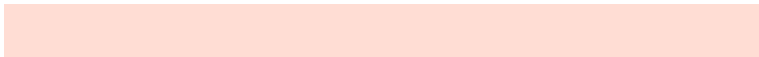
 248, 225, 6

 248, 225, 0

Harmonies

Analogous

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



255, 223, 212



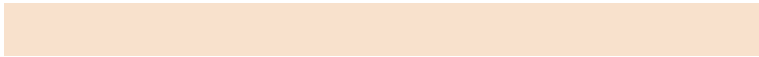
248, 244, 204



210, 235, 203

Triad

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



248, 244, 204



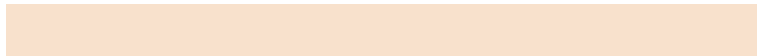
197, 218, 237



237, 224, 249

Complementary

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



248, 244, 204



204, 219, 248

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, 227, 255



248, 244, 204



196, 218, 246

Square

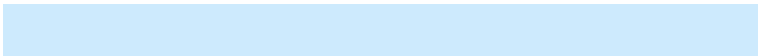
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248, 244, 204



205, 226, 236



205, 223, 253



250, 221, 238

Rectangle

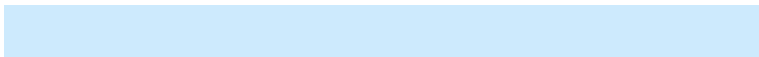
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



248, 244, 204



206, 232, 213



205, 223, 253



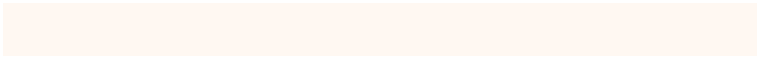
232, 225, 252

Sweetspot

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



248, 244, 204



255, 253, 242



248, 204, 227



128, 125, 120



0, 0, 0



128, 128, 128

Same Dimension

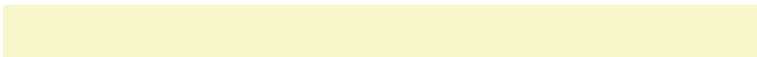
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248, 244, 204



255, 251, 201



205, 248, 204



125, 123, 112



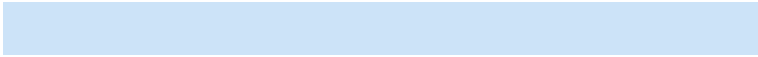
189, 172, 0



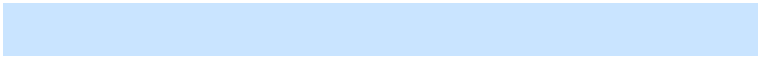
61, 55, 0

Inverse Universe

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



204, 219, 248



201, 219, 255



204, 205, 248



112, 117, 125



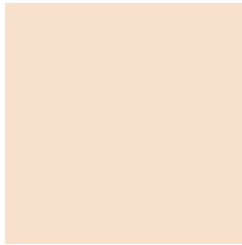
0, 65, 189



0, 21, 61

Previews

White Background



This preview shows how the RYB color 248, 244, 204 looks on a white background.

Color Contrast Check

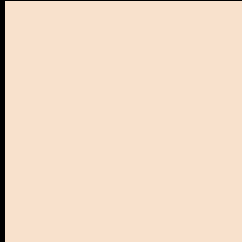
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 248, 244, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

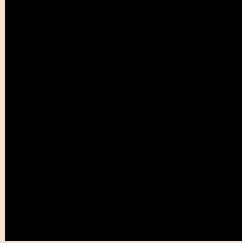
Any Text WCAG AA ✓ Pass

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](#).

R Y B 248, 244, 204 Background



This preview shows how black text looks on a background with the R Y B color 248, 244, 204.


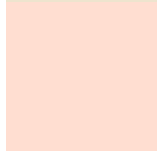


This preview shows how white text looks on a background with the R Y B color 248, 244, 204.

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](#).

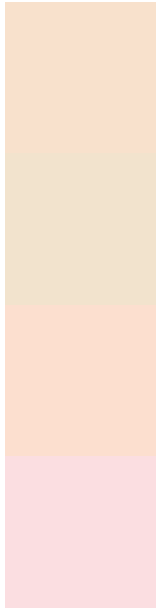
Dichromacy

	Original Color 248, 244, 204
	Protanopia 221, 238, 206
	Deuteranopia 255, 227, 209



Tritanopia
252, 220, 237

Trichromacy



Original Color

248, 244, 204

Protanomaly

230, 242, 205

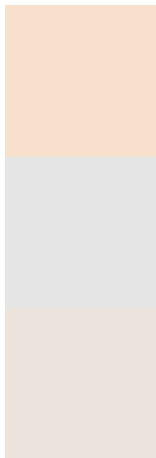
Deuteranomaly

252, 232, 207

Tritanomaly

251, 222, 225

Monochromacy



Original Color

248, 244, 204

Achromatopsia

229, 229, 229

Achromatomaly

236, 236, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 244, 204 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(248, 225, 204)` looks like.

```
.text, #text, p{  
    color:rgb(248, 225, 204)  
}
```

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(248, 225, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 225, 204) }
```

Border

The CSS property to change the border of an element to RYB 248, 244, 204 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(248, 225, 204) }
```

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

```
.border{ border-color:rgb(248, 225, 204) }
```

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

Here you see how a box with a 4 pixel rgb(248, 225, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 225, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 225, 204);  
box-shadow:4px 4px 4px 4px rgb(248, 225,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 248, 244, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 225, 204) }
```

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

```
.background{ background-color: rgb(248,  
225, 204) }
```

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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