

Converting Colors

`RYB(248, 248, 200)`

Have a look what the booklet for
RYB(248, 248, 200) contains.

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Color

R_YB(248, 248, 200)

Conversions

Conversions Part 1

Format	Color
Hex	F8E0C8
RGB	248, 224, 200
RGB Percent	97%, 88%, 78%
CMY	0.0275, 0.1216, 0.2157
CMYK	0.00, 0.10, 0.19, 0.03
HSL	30°, 77%, 88%
HSV	30°, 19%, 97%
XYZ	75.7924, 77.4379, 65.5959
YIQ	228.4400, 22.0080, -2.3760

Conversions

Conversions Part 2

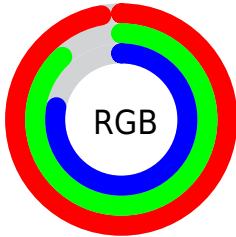
Format	Color
R _Y B	248, 248, 200
Decimal	16310472
CIE Lab	90.52, 4.51, 14.74
CIE LCh	91, 15.419, 72.995
Yxy	77.4379, 0.3464, 0.3539
Android (android.graphics.Color)	4294500552 (0xFFF8E0C8)
YUV	228.4400, -14.0209, 17.1541
Hunter-Lab	87.9988, -0.2579, 17.4033

Details

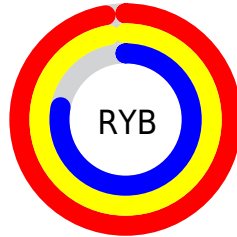
The RYB color **248, 248, 200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **200, 216, 248**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **189, 191, 146** is the 20% darker color. If you saturate the color by 10%, you get **246, 248, 175**, and if you desaturate by 10%, it is **248, 246, 225**.

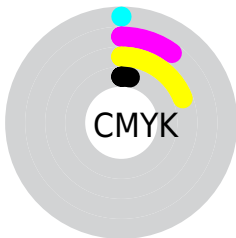
Distribution



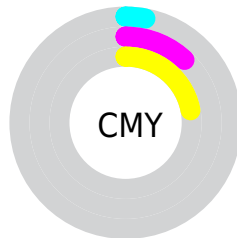
- Red (97%)
- Green (88%)
- Blue (78%)



- Red (97%)
- Yellow (97%)
- Blue (78%)



- Cyan (0%)
- Magenta (10%)
- Yellow (19%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 248, 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 RYB color 248, 248, 200 by changing the saturation by 10% instead.

 248, 248, 200


255, 255, 255

 248, 248, 200


 219, 219, 173

 189, 191, 146

 164, 164, 120

 133, 137, 95

 109, 111, 72

 83, 87, 49

 57, 63, 28

 28, 41, 3

 14, 0, 0

 248, 248, 200

 248, 248, 200

 246, 248, 175

 248, 246, 225


 248, 248, 150


 248, 249, 250


 248, 248, 126

 248, 252, 255

 248, 246, 101

 248, 248, 76

 246, 248, 51

 248, 248, 26

 248, 248, 2

 248, 248, 0

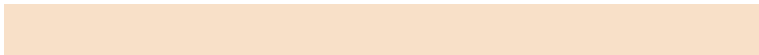
Harmonies

Analogous

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



255, 224, 208



248, 248, 200



204, 233, 199

Triad

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



248, 248, 200



191, 215, 237



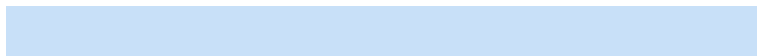
239, 222, 249

Complementary

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



248, 248, 200



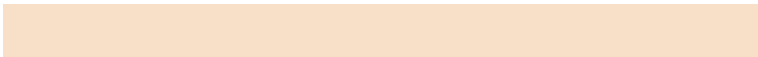
200, 216, 248

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.



220, 226, 255



248, 248, 200



192, 216, 247

Square

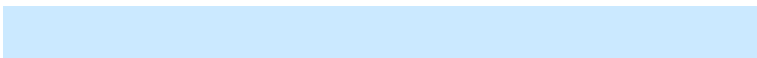
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248, 248, 200



201, 224, 236



203, 222, 255



253, 219, 237

Rectangle

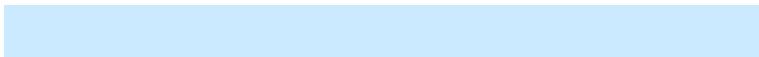
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



248, 248, 200



203, 232, 213



203, 222, 255



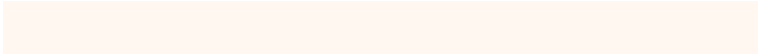
233, 224, 253

Sweetspot

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



248, 248, 200



255, 253, 240



248, 200, 224



128, 126, 119



0, 0, 0



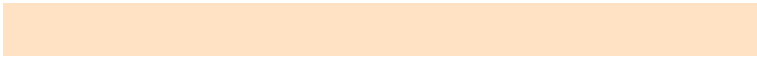
128, 128, 128

Same Dimension

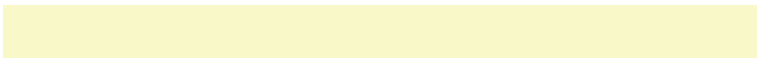
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248, 248, 200



253, 255, 196



200, 248, 200



123, 125, 112



189, 187, 0



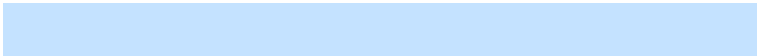
59, 61, 0

Inverse Universe

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



200, 216, 248



196, 216, 255



200, 200, 248



112, 117, 125



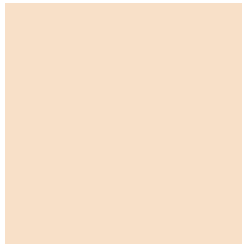
0, 63, 189



0, 21, 61

Previews

White Background



This preview shows how the RYB color 248, 248, 200 looks on a white background.

Color Contrast Check

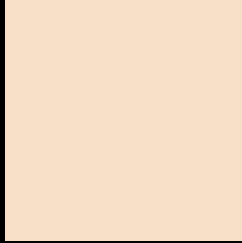
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 248, 248, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

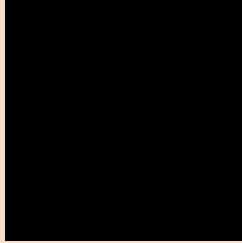
Any Text WCAG AA ✓ Pass

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](#).

R Y B 248, 248, 200 Background



This preview shows how black text looks on a background with the RYB color 248, 248, 200.




This preview shows how white text looks on a background with the RYB color 248, 248, 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](#).

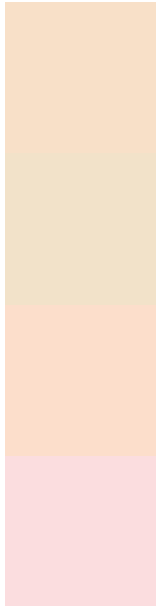
Dichromacy





Tritanopia
253, 219, 236

Trichromacy



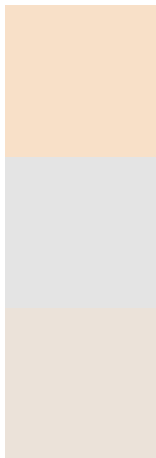
Original Color
248, 248, 200

Protanomaly
227, 242, 201

Deuteranomaly
252, 234, 203

Tritanomaly
251, 221, 223

Monochromacy



Original Color
248, 248, 200

Achromatopsia
228, 228, 228

Achromatomaly
233, 235, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 248, 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(248, 224, 200)` looks like.

```
.text, #text, p{  
    color:rgb(248, 224, 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(248, 224, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 224, 200) }
```

Border

The CSS property to change the border of an element to RYB 248, 248, 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(248, 224, 200) }
```

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

```
.border{ border-color:rgb(248, 224, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 224, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 224, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 224, 200);  
box-shadow:4px 4px 4px 4px rgb(248, 224,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 248, 248, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 224, 200) }
```

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

```
.background{ background-color: rgb(248,  
224, 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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