

Converting Colors

`RYB(232, 247, 198)`

Have a look what the booklet for
RYB(232, 247, 198) contains.

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Color

R_YB(232, 247, 198)

Conversions

Conversions Part 1

Format	Color
Hex	F7E3C6
RGB	247, 227, 198
RGB Percent	97%, 89%, 78%
CMY	0.0314, 0.1101, 0.2235
CMYK	0.00, 0.08, 0.20, 0.03
HSL	35°, 75%, 87%
HSV	35°, 20%, 97%
XYZ	76.0001, 78.7500, 64.6207
YIQ	229.6740, 21.2290, -4.7790

Conversions

Conversions Part 2

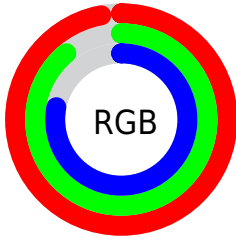
Format	Color
R _Y B	232, 247, 198
Decimal	16245702
CIE Lab	91.12, 2.35, 16.62
CIE LCh	91, 16.783, 81.937
Yxy	78.7500, 0.3464, 0.3590
Android (android.graphics.Color)	4294435782 (0xFFFF7E3C6)
YUV	229.6740, -15.6153, 15.1949
Hunter-Lab	88.7412, -2.4253, 18.9443

Details

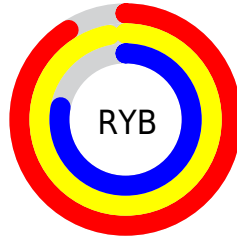
The RYB color **232, 247, 198** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **198, 212, 247**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **174, 190, 144** is the 20% darker color. If you saturate the color by 10%, you get **223, 247, 173**, and if you desaturate by 10%, it is **240, 247, 223**.

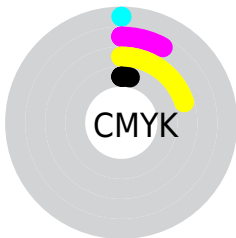
Distribution



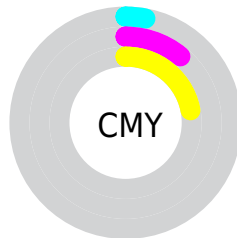
- Red (97%)
- Green (89%)
- Blue (78%)



- Red (91%)
- Yellow (97%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 247, 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 RYB color 232, 247, 198 by changing the saturation by 10% instead.

■ 232, 247, 198

255, 255, 255

■ 232, 247, 198

■ 203, 218, 171

■ 174, 190, 144

■ 148, 163, 118

■ 123, 136, 94

■ 96, 111, 70

■ 71, 86, 47

■ 46, 62, 26

■ 17, 40, 0

■ 12, 2, 0

 232, 247, 198

 232, 247, 198

 223, 247, 173


 240, 247, 223


 217, 247, 149

 247, 247, 247


 208, 247, 124


 247, 251, 255

 203, 247, 99

 196, 247, 75

 188, 247, 50

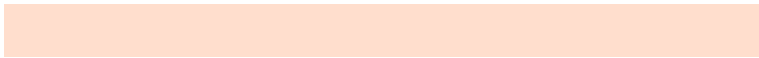
 179, 247, 25

 171, 247, 0

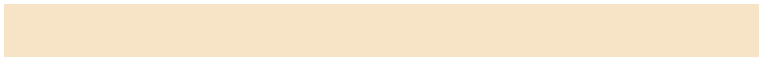
Harmonies

Analogous

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



255, 231, 205



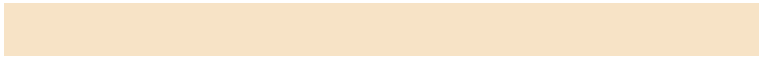
232, 247, 198



200, 232, 202

Triad

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



232, 247, 198



188, 214, 241



246, 222, 250

Complementary

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



232, 247, 198



198, 212, 247

Split Complementary

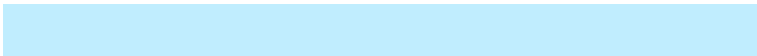
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227, 227, 255



232, 247, 198



192, 218, 254

Square

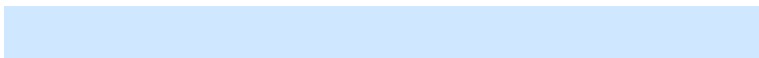
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232, 247, 198



196, 222, 239



207, 223, 255



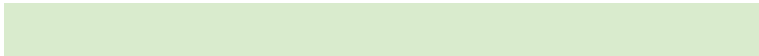
255, 219, 235

Rectangle

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



232, 247, 198



205, 235, 223



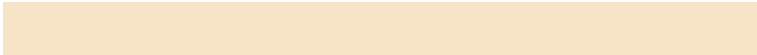
207, 223, 255



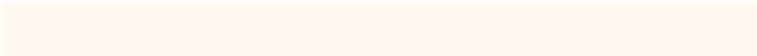
241, 223, 254

Sweetspot

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



232, 247, 198



250, 255, 240



247, 198, 218



126, 128, 119



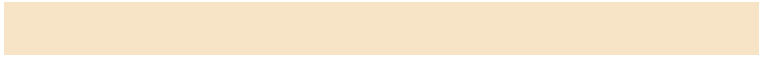
0, 0, 0



128, 128, 128

Same Dimension

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



232, 247, 198



236, 255, 194



198, 247, 202



119, 122, 110



129, 186, 0



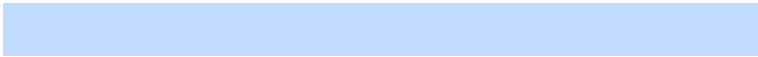
40, 59, 0

Inverse Universe

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



198, 212, 247



194, 212, 255



202, 198, 247



110, 114, 122



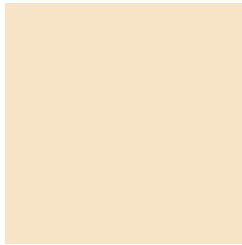
0, 54, 186



0, 17, 59

Previews

White Background



This preview shows how the RYB color 232, 247, 198 looks on a white background.

Color Contrast Check

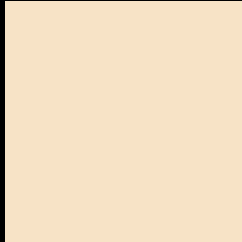
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 232, 247, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

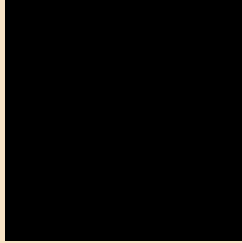
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

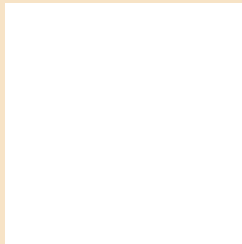
Any Text WCAG AAA ✓ Pass

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

RYB 232, 247, 198 Background



This preview shows how black text looks on a background with the RYB color 232, 247, 198.



This preview shows how white text looks on a background with the RYB color 232, 247, 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
232, 247, 198

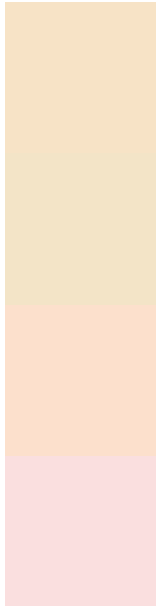
Protanopia
216, 241, 199

Deuteranopia
255, 231, 207



Tritanopia
252, 221, 238

Trichromacy



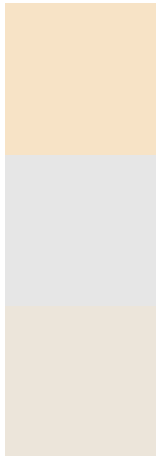
Original Color
232, 247, 198

Protanomaly
222, 243, 199

Deuteranomaly
252, 238, 204

Tritanomaly
250, 223, 223

Monochromacy



Original Color
232, 247, 198

Achromatopsia
230, 230, 230

Achromatomaly
229, 236, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 247, 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(247, 227, 198) looks like.

```
.text, #text, p{  
    color:rgb(247, 227, 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(247, 227, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 227, 198) }
```

Border

The CSS property to change the border of an element to RYB 232, 247, 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(247, 227, 198) }
```

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

```
.border{ border-color:rgb(247, 227, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 227, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 227, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 227, 198); box-shadow:4px 4px 4px 4px rgb(247, 227, 198) }
```

Background

The CSS property to change the background color of an element to RYB 232, 247, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 227, 198) }
```

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

```
.background{ background-color: rgb(247,  
227, 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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