

Converting Colors

RGB(255, 255, 198)

Have a look what the booklet for
RGB(255, 255, 198) contains.

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Color

RGB(255, 255, 198)

Conversions

Conversions Part 1

Format	Color
Hex	FFFFC6
RGB	255, 255, 198
RGB Percent	100%, 100%, 78%
CMY	0.0000, 0.0000, 0.2235
CMYK	0.00, 0.00, 0.22, 0.00
HSL	60°, 100%, 89%
HSV	60°, 22%, 100%
XYZ	87.1930, 96.8572, 67.5258
YIQ	248.5020, 18.2970, -17.7270

Conversions

Conversions Part 2

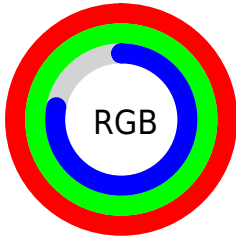
Format	Color
R_{YB}	198, 255, 198
Decimal	16777158
CIE _{Lab}	98.77, -8.88, 27.33
CIE _{LCh}	99, 28.732, 107.994
Yxy	96.8572, 0.3466, 0.3850
Android (android.graphics.Color)	4294967238 (0xFFFFFFFFC6)
YUV	248.5020, -24.8975, 5.6987
Hunter-Lab	98.4161, -14.0836, 28.2108

Details

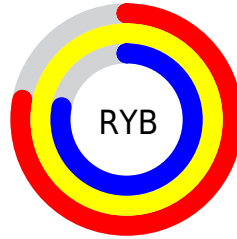
The RGB color **255, 255, 198** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **198, 198, 255**, and the grayscale version is **249, 249, 249**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 198, 144** is the 20% darker color. If you saturate the color by 10%, you get **255, 255, 173**, and if you desaturate by 10%, it is **255, 255, 224**.

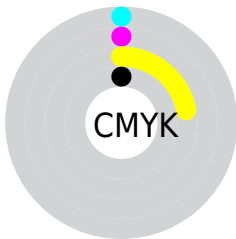
Distribution



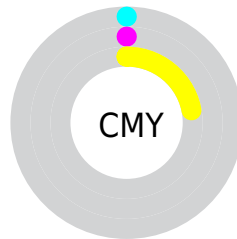
- Red (100%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 255, 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 255, 255, 198 by changing the saturation by 10% instead.

 255, 255, 198


 255, 255, 198


255, 255, 255

 226, 226, 171

255, 255, 255


 198, 198, 144

 170, 171, 118

 143, 145, 93

 117, 119, 69

 92, 94, 46

 68, 71, 23

 45, 48, 0

 22, 28, 0

 255, 255, 198

 255, 255, 198

 255, 255, 173


 255, 255, 224


 255, 255, 147


 255, 255, 249


 255, 255, 122

255, 255, 255

 255, 255, 96

 255, 255, 71

 255, 255, 45

 255, 255, 20

 255, 255, 0

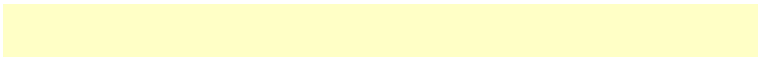
Harmonies

Analogous

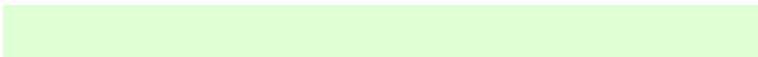
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 246, 197



255, 255, 198



223, 255, 213

Triad

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



255, 255, 198



178, 255, 255



255, 233, 255

Complementary

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



255, 255, 198



198, 198, 255

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, 239, 255



255, 255, 198



204, 255, 255

Square

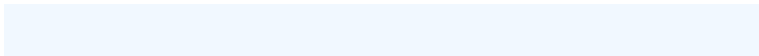
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



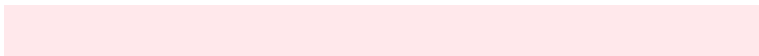
255, 255, 198



175, 255, 255



241, 248, 255



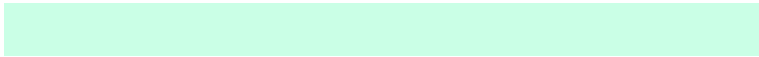
255, 232, 235

Rectangle

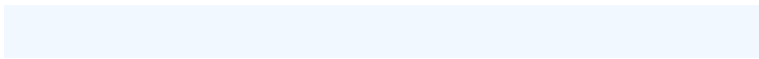
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 255, 198



202, 255, 230



241, 248, 255



255, 234, 255

Sweetspot

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



255, 255, 198



255, 255, 237



255, 198, 198



128, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

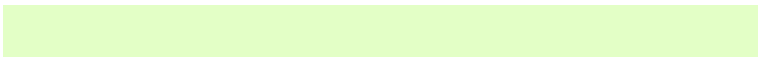
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 255, 198



255, 255, 186



227, 255, 198



128, 128, 115



191, 191, 0



64, 64, 0

Inverse Universe

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



198, 198, 255



186, 186, 255



227, 198, 255



115, 115, 128



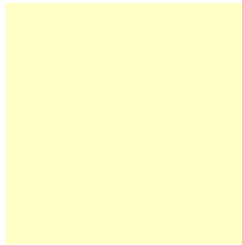
0, 0, 191



0, 0, 64

Previews

White Background



This preview shows how the RGB color 255, 255, 198 looks on a white background.

Color Contrast Check

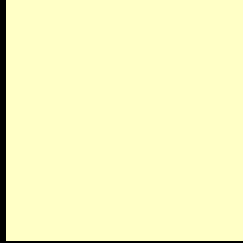
Large Text (above 18pt) WCAG AA × Fail

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 255, 255, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

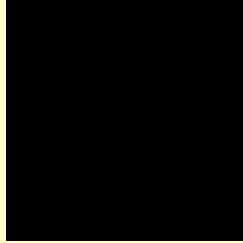
Any Text WCAG AA ✓ Pass

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 255, 255, 198 Background



This preview shows how black text looks on a background with the RGB color 255, 255, 198.

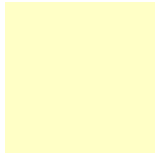


This preview shows how white text looks on a background with the RGB color 255, 255, 198.

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
255, 255, 198

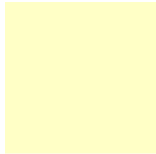


Protanopia
255, 251, 241

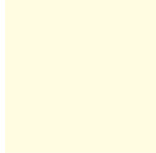
Deuteranopia
255, 251, 248

Tritanopia
255, 250, 255

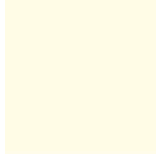
Trichromacy



Original Color
255, 255, 198



Protanomaly
255, 252, 225

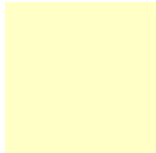


Deuteranomaly
255, 252, 230

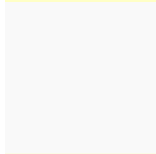


Tritanomaly
255, 252, 234

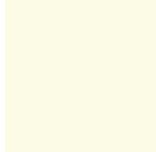
Monochromacy



Original Color
255, 255, 198



Achromatopsia
249, 249, 249



Achromatomaly
251, 251, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 255, 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(255, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 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(255, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 198) }
```

Border

The CSS property to change the border of an element to RGB 255, 255, 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(255, 255, 198) }
```

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

```
.border{ border-color:rgb(255, 255, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 255, 255, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 198) }
```

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

```
.background{ background-color: rgb(255,  
255, 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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