

Converting Colors

`RYB(198, 252, 199)`

Have a look what the booklet for
RYB(198, 252, 199) contains.

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Color

R_YB(198, 252, 199)

Conversions

Conversions Part 1

Format	Color
Hex	FBFCC6
RGB	251, 252, 198
RGB Percent	98%, 99%, 78%
CMY	0.0157, 0.0118, 0.2235
CMYK	0.00, 0.00, 0.21, 0.01
HSL	61°, 90%, 88%
HSV	61°, 21%, 99%
XYZ	84.7871, 94.2073, 67.1411
YIQ	245.5450, 16.7380, -17.0060

Conversions

Conversions Part 2

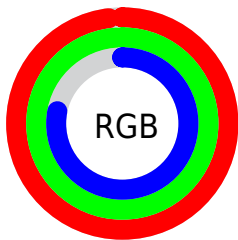
Format	Color
RYB	198, 252, 199
Decimal	16514246
CIELab	97.72, -8.83, 25.83
CIELCh	98, 27.298, 108.879
Yxy	94.2073, 0.3445, 0.3827
Android (android.graphics.Color)	4294704326 (0xFFFFBFCC6)
YUV	245.5450, -23.4397, 4.7840
Hunter-Lab	97.0604, -13.9271, 26.9287

Details

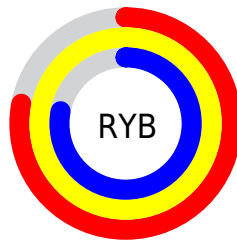
The RYB color **198, 252, 199** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **199, 198, 252**, and the grayscale version is **246, 246, 246**.

A 20% lighter version of the original color is **255, 255, 255**, and **144, 195, 145** is the 20% darker color. If you saturate the color by 10%, you get **173, 252, 174**, and if you desaturate by 10%, it is **223, 252, 224**.

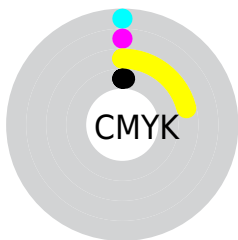
Distribution



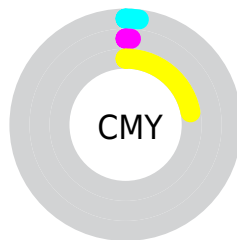
- Red (98%)
- Green (99%)
- Blue (78%)



- Red (78%)
- Yellow (99%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 252, 199 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 198, 252, 199 by changing the saturation by 10% instead.

 198, 252, 199


255, 255, 255


 198, 252, 199

 171, 223, 172

 144, 195, 145

 118, 168, 119

 93, 142, 95

 69, 116, 71

 46, 92, 49

 24, 68, 27

 0, 46, 4

 0, 26, 8

 198, 252, 199

 198, 252, 199

 173, 252, 174

 223, 252, 224

 148, 252, 150

 248, 252, 248

 122, 252, 124

 252, 252, 255

 97, 252, 100

 253, 252, 255

 72, 252, 75

 254, 252, 255

 47, 252, 51

 255, 252, 255

 22, 252, 26

 0, 252, 5

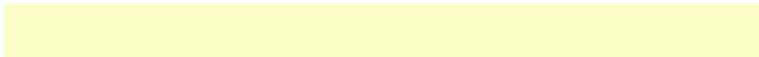
Harmonies

Analogous

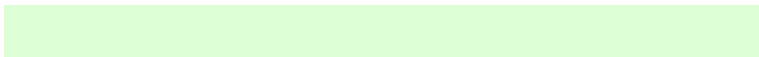
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212, 255, 197



198, 252, 199



213, 255, 247

Triad

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



198, 252, 199



180, 218, 255



255, 231, 255

Complementary

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



198, 252, 199



199, 198, 252

Split Complementary

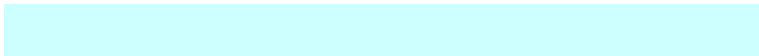
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 236, 255



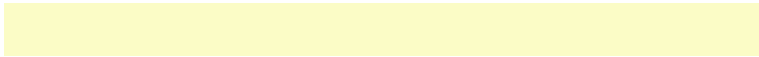
198, 252, 199



205, 230, 255

Square

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



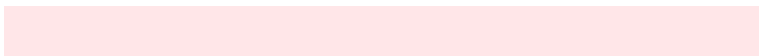
198, 252, 199



176, 216, 255



240, 244, 255



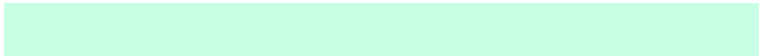
255, 230, 232

Rectangle

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



198, 252, 199



201, 237, 255



240, 244, 255



255, 232, 255

Sweetspot

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



198, 252, 199



240, 255, 240



252, 199, 198



119, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

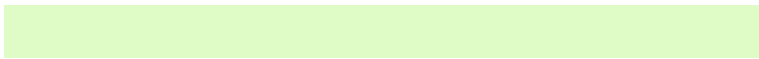
The Same Dimension uses a secret algorithm to generate beautiful new colors.



198, 252, 199



189, 255, 190



198, 252, 226



112, 125, 112



0, 189, 4



0, 61, 1

Inverse Universe

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



199, 198, 252



190, 189, 255



226, 198, 252



113, 112, 125



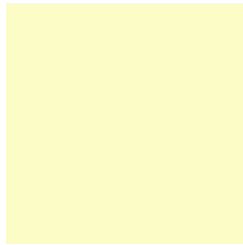
3, 0, 189



1, 0, 61

Previews

White Background



This preview shows how the RYB color 198, 252, 199 looks on a white background.

Color Contrast Check

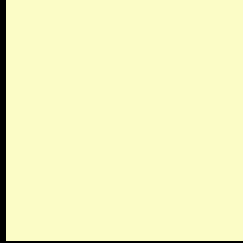
Large Text (above 18pt) WCAG AA × Fail

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 198, 252, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

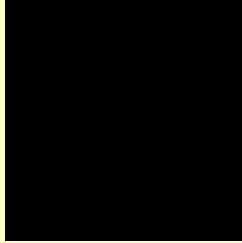
Any Text WCAG AA ✓ Pass

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 198, 252, 199 Background



This preview shows how black text looks on a background with the RYB color 198, 252, 199.

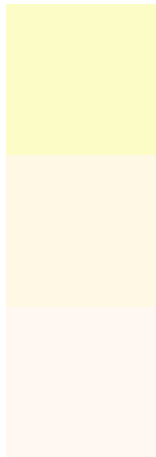


This preview shows how white text looks on a background with the RYB color 198, 252, 199.

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
198, 252, 199

Protanopia
239, 255, 229

Deuteranopia
255, 250, 242



Tritanopia

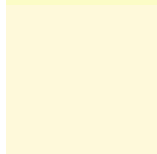
254, 246, 255

Trichromacy



Original Color

198, 252, 199



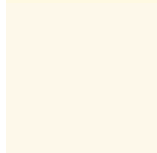
Protanomaly

224, 254, 218



Deuteranomaly

232, 254, 226



Tritanomaly

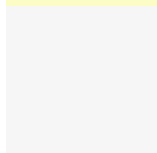
241, 253, 234

Monochromacy



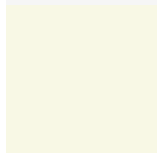
Original Color

198, 252, 199



Achromatopsia

246, 246, 246



Achromatomaly

229, 248, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 252, 199 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, 252, 198)` looks like.

```
.text, #text, p{  
    color:rgb(251, 252, 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(251, 252, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 252, 198) }
```

Border

The CSS property to change the border of an element to RYB 198, 252, 199 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, 252, 198) }
```

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

```
.border{ border-color:rgb(251, 252, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 252, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 252, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 252, 198);  
box-shadow:4px 4px 4px 4px rgb(251, 252,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 198, 252, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 252, 198) }
```

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

```
.background{ background-color: rgb(251,  
252, 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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