

Converting Colors

`RYB(226, 250, 198)`

Have a look what the booklet for
RYB(226, 250, 198) contains.

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Color

R_YB(226, 250, 198)

Conversions

Conversions Part 1

Format	Color
Hex	FAE8C6
RGB	250, 232, 198
RGB Percent	98%, 91%, 78%
CMY	0.0196, 0.0910, 0.2235
CMYK	0.00, 0.07, 0.21, 0.02
HSL	39°, 84%, 88%
HSV	39°, 21%, 98%
XYZ	78.4177, 82.0019, 65.1210
YIQ	233.5060, 21.6420, -6.7580

Conversions

Conversions Part 2

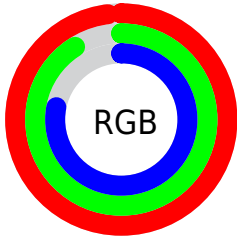
Format	Color
R _Y B	226, 250, 198
Decimal	16443590
CIE Lab	92.58, 0.95, 18.69
CIE LCh	93, 18.717, 87.080
Yxy	82.0019, 0.3477, 0.3636
Android (android.graphics.Color)	4294633670 (0xFFFAE8C6)
YUV	233.5060, -17.5045, 14.4652
Hunter-Lab	90.5549, -3.8956, 20.7511

Details

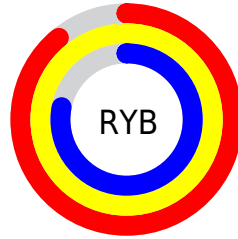
The RYB color **226, 250, 198** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **198, 211, 250**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **170, 193, 144** is the 20% darker color. If you saturate the color by 10%, you get **215, 250, 173**, and if you desaturate by 10%, it is **237, 250, 223**.

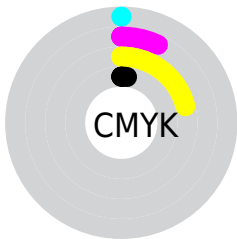
Distribution



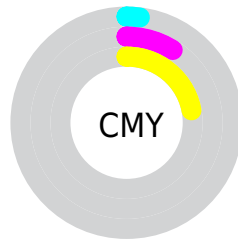
- Red (98%)
- Green (91%)
- Blue (78%)



- Red (89%)
- Yellow (98%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 250, 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 226, 250, 198 by changing the saturation by 10% instead.

■ 226, 250, 198

255, 255, 255

■ 226, 250, 198

■ 197, 221, 171

■ 170, 193, 144

■ 142, 166, 118

■ 117, 139, 94

■ 91, 113, 70

■ 66, 88, 47

■ 41, 64, 26

■ 15, 42, 0

■ 16, 16, 0

■ 226, 250, 198

■ 226, 250, 198

■ 215, 250, 173

■ 237, 250, 223

■ 204, 250, 148

■ 250, 250, 248

■ 190, 250, 123

■ 250, 253, 255

■ 179, 250, 98

■ 168, 250, 73

■ 157, 250, 48

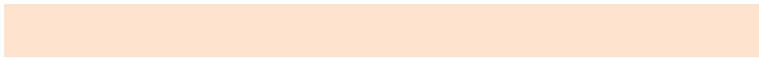
■ 144, 250, 23

■ 133, 250, 0

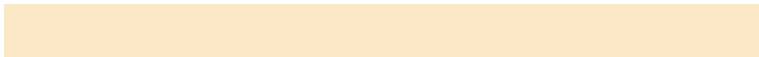
Harmonies

Analogous

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



255, 243, 204



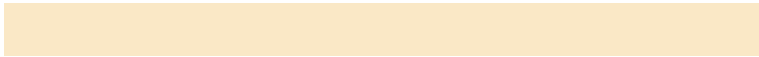
226, 250, 198



201, 238, 209

Triad

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



226, 250, 198



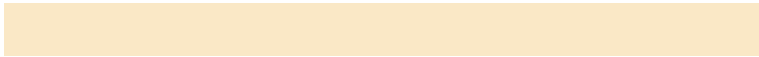
187, 217, 249



255, 224, 254

Complementary

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



226, 250, 198



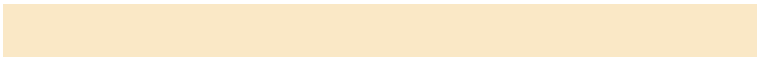
198, 211, 250

Split Complementary

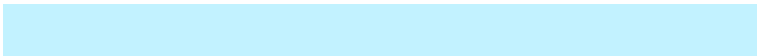
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235, 230, 255



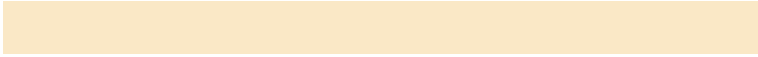
226, 250, 198



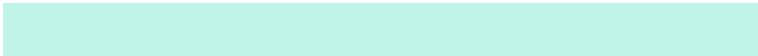
194, 221, 255

Square

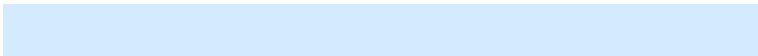
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



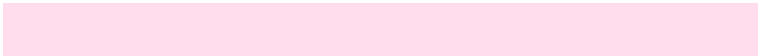
226, 250, 198



193, 222, 244



212, 227, 255



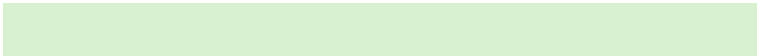
255, 221, 236

Rectangle

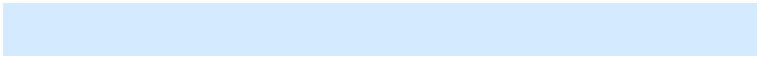
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226, 250, 198



209, 241, 234



212, 227, 255



249, 226, 255

Sweetspot

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



226, 250, 198



248, 255, 240



250, 198, 216



126, 128, 119



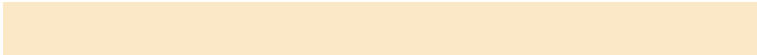
0, 0, 0



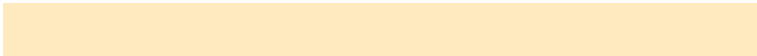
128, 128, 128

Same Dimension

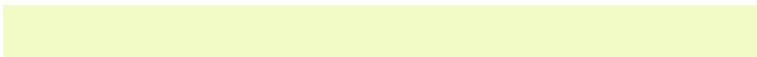
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226, 250, 198



225, 255, 191



198, 250, 206



118, 125, 112



101, 189, 0



32, 61, 0

Inverse Universe

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



198, 211, 250



191, 208, 255



206, 198, 250



112, 116, 125



0, 49, 189



0, 16, 61

Previews

White Background



This preview shows how the RYB color 226, 250, 198 looks on a white background.

Color Contrast Check

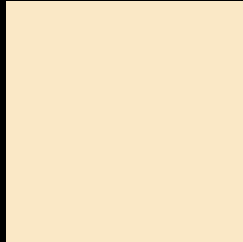
Large Text (above 18pt) WCAG AA × Fail

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 226, 250, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

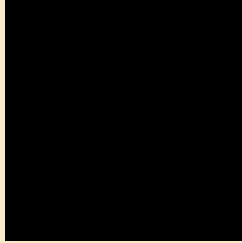
Any Text WCAG AA ✓ Pass

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 226, 250, 198 Background



This preview shows how black text looks on a background with the RYB color 226, 250, 198.

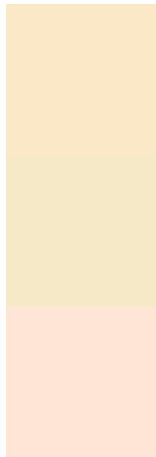


This preview shows how white text looks on a background with the RYB color 226, 250, 198.

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
226, 250, 198

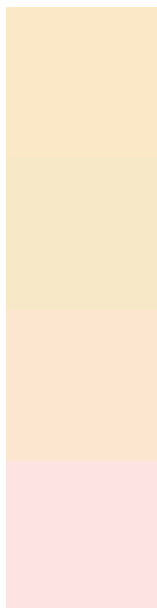
Protanopia
217, 246, 199

Deuteranopia
255, 238, 214



Tritanopia
255, 226, 243

Trichromacy



Original Color

226, 250, 198

Protanomaly

219, 247, 199

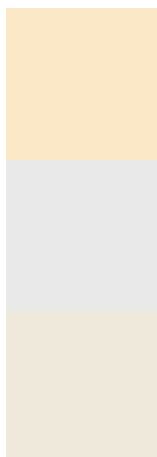
Deuteranomaly

253, 251, 208

Tritanomaly

253, 228, 227

Monochromacy



Original Color

226, 250, 198

Achromatopsia

233, 233, 233

Achromatomaly

229, 239, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 250, 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(250, 232, 198)` looks like.

```
.text, #text, p{  
    color:rgb(250, 232, 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(250, 232, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 232, 198) }
```

Border

The CSS property to change the border of an element to RYB 226, 250, 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(250, 232, 198) }
```

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

```
.border{ border-color:rgb(250, 232, 198) }
```

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

Here you see how a box with a 4 pixel rgb(250, 232, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 232, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 232, 198);  
box-shadow:4px 4px 4px 4px rgb(250, 232,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 226, 250, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 232, 198) }
```

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

```
.background{ background-color: rgb(250,  
232, 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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