

Converting Colors

CIELCh(100, 41.019, 111.930)

Have a look what the booklet for
CIELCh(100, 41.019, 111.930)
contains.

CIELCh(98, 37.657, 108.481)	3
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Color

CIELCh(98, 37.657, 108.481)

Conversions

Conversions Part 1

Format	Color
Hex	FCFEB3
RGB	252, 254, 179
RGB Percent	99%, 100%, 70%
CMY	0.0114, 0.0035, 0.2975
CMYK	0.01, 0.00, 0.29, 0.00
HSL	62°, 98%, 85%
HSV	62°, 29%, 100%
XYZ	83.7988, 94.9163, 56.6273
YIQ	244.8520, 22.8830, -23.7490

Conversions

Conversions Part 2

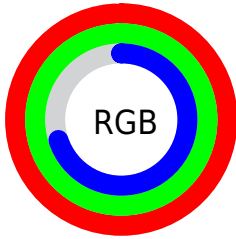
Format	Color
RYB	179, 254, 181
Decimal	16580275
CIELab	98.00, -11.94, 35.71
CIELCh	98, 37.657, 108.481
Yxy	94.9163, 0.3561, 0.4033
Android (android.graphics.Color)	4294770355 (0xFFFCFEB3)
YUV	244.8520, -32.4650, 6.2688
Hunter-Lab	97.4250, -16.9593, 33.7358

Details

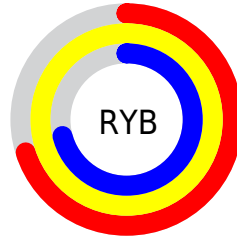
The CIELCh color **98, 37.657, 108.481** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76, 40.483, 294.720**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **78, 37.233, 107.989** is the 20% darker color. If you saturate the color by 10%, you get **98, 49.960, 107.574**, and if you desaturate by 10%, it is **99, 25.033, 109.418**.

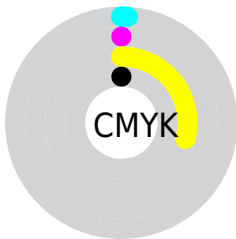
Distribution



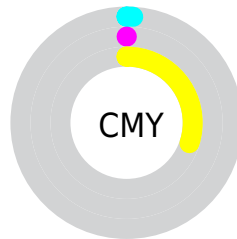
- Red (99%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 37.657, 108.481 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 CIELCh color 98, 37.657, 108.481 by changing the saturation by 10% instead.


 98, 37.657,
108.481


 98, 37.657,
108.481


 100, 37.657,
108.481


 88, 37.657,
108.481

 78, 37.657,
108.481

 68, 37.657,
108.481

 58, 37.657,
108.481

 48, 37.657,
108.481

 38, 37.657,
108.481

 28, 37.657,

108.481

■ 18, 37.657,
108.481

■ 8, 37.657, 108.481

■ 98, 37.657,
108.481

■ 98, 37.657,
108.481

■ 98, 49.960,
107.574

■ 99, 25.033,
109.418

■ 97, 61.707,
106.713

■ 99, 12.229,
110.353

■ 97, 72.555,
105.938

100, 0.467,
291.841

■ 97, 82.008,
105.292

100, 0.534,
318.375

■ 97, 89.453,
104.825

100, 0.566,
323.915

■ 96, 94.328,
104.578

■ 96, 96.628,
104.551

■ 96, 96.716,
104.552

Harmonies

Complementary

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



98, 37.657, 108.481



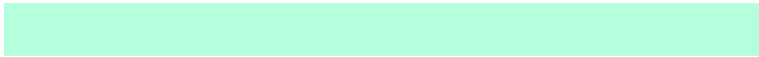
76, 40.483, 294.720

Rectangle

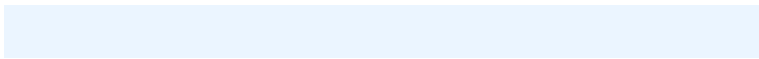
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 37.657, 108.481



98, 37.657, 158.481



98, 37.657, 288.481



98, 37.657, 338.481

Sweetspot

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



98, 37.659, 108.484



99, 11.621, 110.399



80, 28.945, 23.109



53, 8.073, 110.264



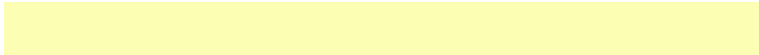
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

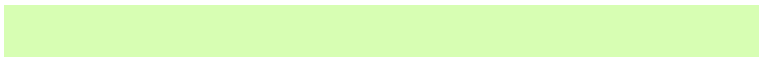
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 37.659, 108.484



98, 44.605, 107.979



95, 40.596, 128.274



53, 7.340, 110.353



75, 78.106, 104.523



26, 35.529, 104.487

Inverse Universe

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



76, 40.483, 294.720



71, 48.743, 295.572



79, 42.253, 311.069



49, 7.507, 292.187



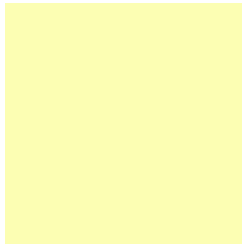
23, 107.646, 306.363



3, 44.193, 302.306

Previews

White Background



This preview shows how the CIE LCh color 98, 37.657, 108.481 looks on a white background.

Color Contrast Check

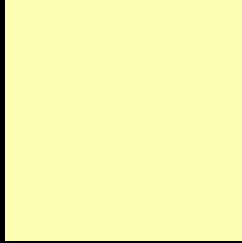
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 98, 37.657, 108.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

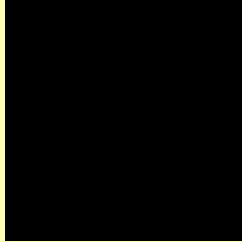
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 37.657, 108.481

Background



This preview shows how black text looks on a background with the CIELCh color 98, 37.657, 108.481.

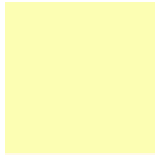


This preview shows how white text looks on a background with the CIELCh color 98, 37.657, 108.481.

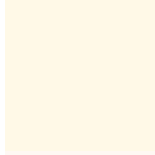
Color Blindness Simulation

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](#).

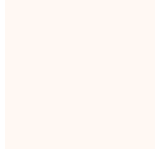
Dichromacy




Original Color
98, 37.682, 108.471



Protanopia
98, 9.388, 96.089



Deuteranopia
98, 3.537, 65.249

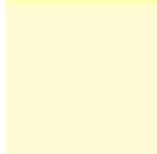


Tritanopia
98, 4.981, 324.553

Trichromacy



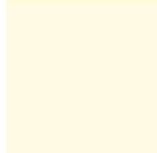
Original Color
98, 37.682, 108.471



Protanomaly
98, 19.794, 105.434



Deuteranomaly
98, 15.293, 103.490

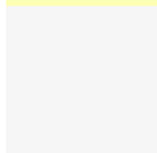


Tritanomaly
98, 11.762, 102.170

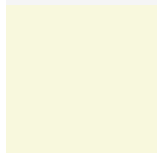
Monochromacy



Original Color
98, 37.682, 108.471



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 13.734, 109.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 37.657, 108.481 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(252, 254, 179)` looks like.

```
.text, #text, p{  
    color:rgb(252, 254, 179)  
}
```

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(252, 254, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 254, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 37.657, 108.481 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(252, 254, 179) }
```

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

```
.border{ border-color:rgb(252, 254, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 254, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 254, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 254, 179);  
box-shadow:4px 4px 4px 4px rgb(252, 254,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 37.657, 108.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 254, 179) }
```

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

```
.background{ background-color: rgb(252,  
254, 179) }
```

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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