

Converting Colors

CIELCh(98, 6.491, 120.985)

Have a look what the booklet for
CIELCh(98, 6.491, 120.985) contains.

CIELCh(98, 6.770, 121.808)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(98, 6.770, 121.808)

Conversions

Conversions Part 1

Format	Color
Hex	F7FBEE
RGB	247, 251, 238
RGB Percent	97%, 98%, 93%
CMY	0.0315, 0.0158, 0.0668
CMYK	0.02, 0.00, 0.05, 0.02
HSL	78°, 62%, 96%
HSV	78°, 5%, 98%
XYZ	88.2639, 94.9163, 94.5354
YIQ	248.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

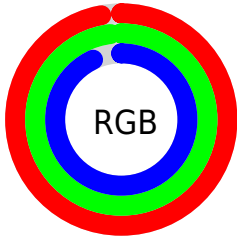
Format	Color
R _Y B	238, 251, 242
Decimal	16251886
CIE Lab	98.00, -3.57, 5.75
CIE LCh	98, 6.770, 121.808
Yxy	94.9163, 0.3178, 0.3418
Android (android.graphics.Color)	4294441966 (0xFFFF7FBEE)
YUV	248.3220, -5.0887, -1.1594
Hunter-Lab	97.4250, -8.7784, 10.6660

Details

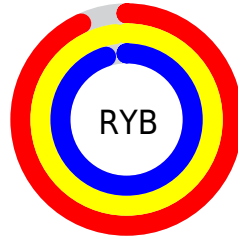
The CIELCh color **98, 6.770, 121.808** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 6.857, 302.389**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 7.102, 121.727** is the 20% darker color. If you saturate the color by 10%, you get **97, 19.849, 121.234**, and if you desaturate by 10%, it is **99, 2.449, 322.392**.

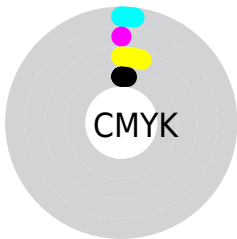
Distribution



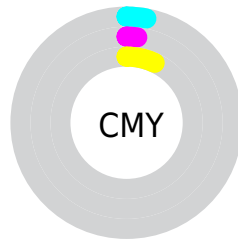
- Red (97%)
- Green (98%)
- Blue (93%)



- Red (93%)
- Yellow (98%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 6.770, 121.808 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, 6.770, 121.808 by changing the saturation by 10% instead.

 98, 6.770, 121.808

 98, 6.770, 121.808

 100, 6.770,
121.808

 88, 6.770, 121.808

 78, 6.770, 121.808

 68, 6.770, 121.808

 58, 6.770, 121.808

 48, 6.770, 121.808

 38, 6.770, 121.808

 28, 6.770, 121.808

 18, 6.770, 121.808

 8, 6.770, 121.808

98, 6.770, 121.808

98, 6.770, 121.808

97, 19.849,
121.234

99, 2.449, 322.392

96, 32.829,
120.645

99, 2.507, 324.406

95, 45.589,
120.066


94, 57.946,
119.530

93, 69.623,
119.086

93, 80.220,
118.807

92, 89.196,
118.795

91, 95.954,
119.165

 91, 100.114,
120.007

Harmonies

Complementary

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



98, 6.770, 121.808



95, 6.857, 302.389

Rectangle

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



98, 6.770, 121.808



98, 6.770, 171.808



98, 6.770, 301.808



98, 6.770, 351.808

Sweetspot

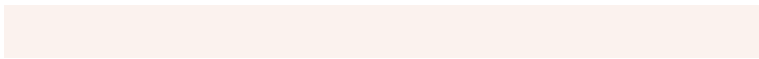
The Sweet Spot groups the original color and five complimentary colors.



98, 6.772, 121.818



100, 2.641, 122.011



96, 3.796, 51.057



53, 1.501, 122.018



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, 6.772, 121.818



99, 7.946, 121.769



98, 7.611, 138.610



52, 5.185, 121.732



70, 81.717, 120.282



23, 35.831, 118.992

Inverse Universe

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



95, 6.857, 302.389



95, 8.054, 302.439



95, 7.649, 319.009



49, 5.260, 302.479



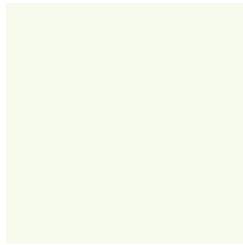
25, 103.429, 308.417



4, 42.856, 307.439

Previews

White Background



This preview shows how the CIELCh color 98, 6.770, 121.808 looks on a white background.

Color Contrast Check

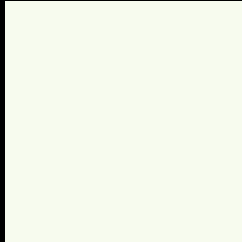
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 98, 6.770, 121.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

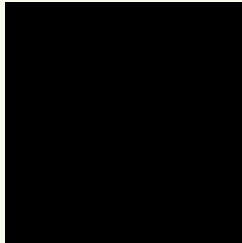
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

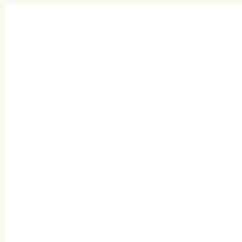
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 6.770, 121.808

Background



This preview shows how black text looks on a background with the CIELCh color 98, 6.770, 121.808.

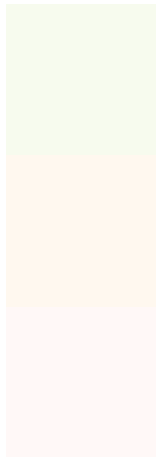


This preview shows how white text looks on a background with the CIELCh color 98, 6.770, 121.808.

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, 6.770, 121.808

Protanopia

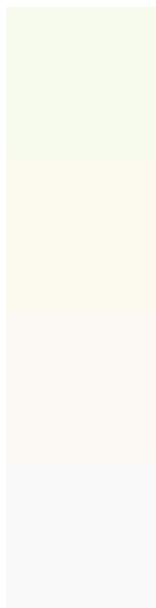
98, 5.196, 81.002

Deuteranopia

98, 2.519, 30.953

Tritanopia
98, 3.658, 301.411

Trichromacy



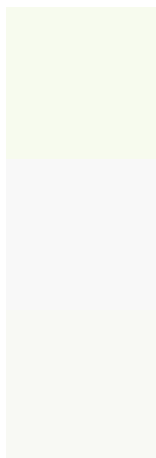
Original Color
98, 6.770, 121.808

Protanomaly
98, 5.183, 97.853

Deuteranomaly
98, 2.739, 87.132

Tritanomaly
98, 0.011, 296.813

Monochromacy



Original Color
98, 6.770, 121.808

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 2.565, 117.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 6.770, 121.808 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, 251, 238)` looks like.

```
.text, #text, p{  
    color:rgb(247, 251, 238)  
}
```

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, 251, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 251, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 6.770, 121.808 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, 251, 238) }
```

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

```
.border{ border-color:rgb(247, 251, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 251, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 251, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 251, 238);  
box-shadow:4px 4px 4px 4px rgb(247, 251,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 6.770, 121.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 251, 238) }
```

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

```
.background{ background-color: rgb(247,  
251, 238) }
```

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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