

Converting Colors

CIELCh(100, 10.232, 39.252)

Have a look what the booklet for
CIELCh(100, 10.232, 39.252)
contains.

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Color

CIELCh(98, 3.701, 74.726)

Conversions

Conversions Part 1

Format	Color
Hex	FEF8F2
RGB	254, 248, 242
RGB Percent	100%, 97%, 95%
CMY	0.0026, 0.0261, 0.0496
CMYK	0.00, 0.02, 0.05, 0.00
HSL	30°, 90%, 97%
HSV	30°, 5%, 100%
XYZ	90.7531, 94.9163, 97.8176
YIQ	249.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

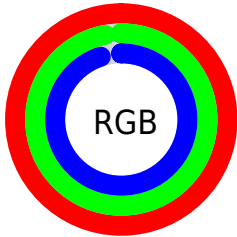
Format	Color
R_{YB}	254, 254, 242
Decimal	16709874
CIE Lab	98.00, 0.97, 3.57
CIE LCh	98, 3.701, 74.726
Yxy	94.9163, 0.3201, 0.3348
Android (android.graphics.Color)	4294899954 (0xFFFEF8F2)
YUV	249.1100, -3.5052, 4.2885
Hunter-Lab	97.4250, -4.2177, 8.6686

Details

The CIELCh color **98, 3.701, 74.726** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 3.675, 256.174**, 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, 3.692, 79.396** is the 20% darker color. If you saturate the color by 10%, you get **94, 11.838, 73.606**, and if you desaturate by 10%, it is **100, 0.227, 202.314**.

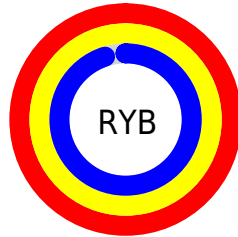
Distribution



Red (100%)

Green (97%)

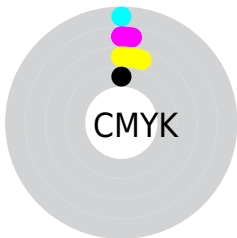
Blue (95%)



Red (100%)

Yellow (100%)

Blue (95%)

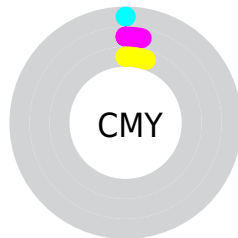


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 3.701, 74.726 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, 3.701, 74.726 by changing the saturation by 10% instead.

 98, 3.701, 74.726

 98, 3.701, 74.726

 100, 3.701, 74.726

 88, 3.701, 74.726

 78, 3.701, 74.726

 68, 3.701, 74.726

 58, 3.701, 74.726

 48, 3.701, 74.726

 38, 3.701, 74.726

 28, 3.701, 74.726

 18, 3.701, 74.726

 8, 3.701, 74.726

98, 3.701, 74.726

98, 3.701, 74.726

94, 11.838, 73.606

100, 0.227,
202.314

91, 20.362, 72.360

87, 29.296, 71.091

84, 38.632, 69.809

80, 48.307, 68.507

77, 58.150, 67.154

74, 67.774, 65.665

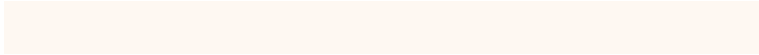
71, 76.420, 63.851

68, 82.900, 61.378

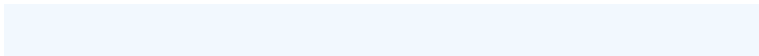
Harmonies

Complementary

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



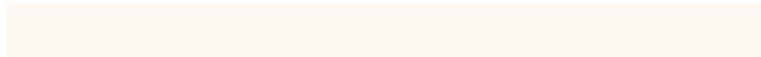
98, 3.701, 74.726



97, 3.675, 256.174

Rectangle

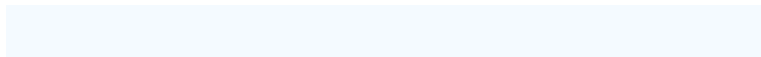
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



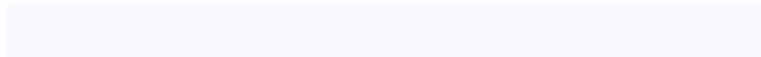
98, 3.701, 74.726



98, 3.701, 124.726



98, 3.701, 254.726



98, 3.701, 304.726

Sweetspot

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



98, 3.702, 74.767



100, 0.773, 74.770



97, 5.253, 343.948



53, 0.439, 74.746



0, 0.000, 0.000



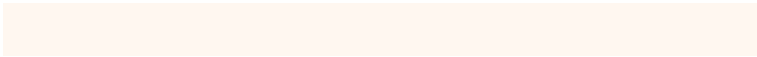
53, 0.007, 296.813

Same Dimension

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



98, 3.702, 74.767



98, 4.736, 74.634



99, 6.073, 109.710



52, 3.146, 74.563



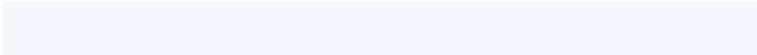
51, 68.681, 60.525



16, 27.010, 61.866

Inverse Universe

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



97, 3.675, 256.174



97, 4.681, 256.319



96, 6.157, 290.662



51, 3.103, 256.398



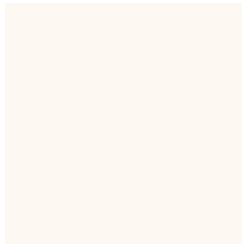
41, 58.355, 284.226



12, 23.750, 277.674

Previews

White Background



This preview shows how the CIELCh color 98, 3.701, 74.726 looks on a white background.

Color Contrast Check

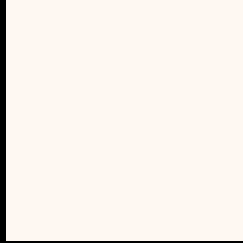
Large Text (above 18pt) WCAG AA × Fail

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, 3.701, 74.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

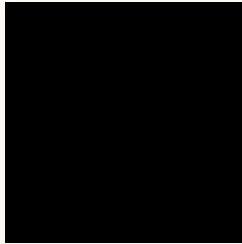
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 3.701, 74.726

Background



This preview shows how black text looks on a background with the CIELCh color 98, 3.701, 74.726.



This preview shows how white text looks on a background with the CIELCh color 98, 3.701, 74.726.

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



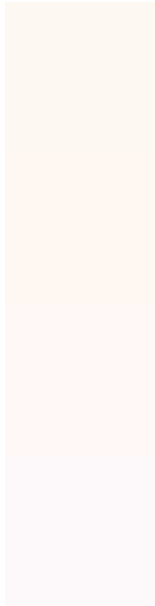
Original Color
98, 3.704, 74.724

Protanopia
98, 3.919, 70.425

Deuteranopia
98, 2.470, 19.304

Tritanopia
98, 3.859, 311.595

Trichromacy



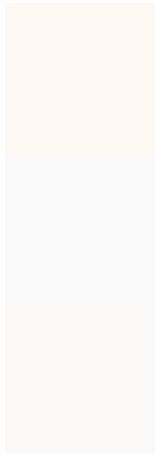
Original Color
98, 3.704, 74.724

Protanomaly
98, 3.919, 70.425

Deuteranomaly
98, 2.666, 41.733

Tritanomaly
98, 2.047, 349.333

Monochromacy



Original Color
98, 3.704, 74.724

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 1.223, 74.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 3.701, 74.726 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(254, 248, 242)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 242)  
}
```

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(254, 248, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 3.701, 74.726 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(254, 248, 242) }
```

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

```
.border{ border-color:rgb(254, 248, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 248, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 3.701, 74.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 242) }
```

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

```
.background{ background-color: rgb(254,  
248, 242) }
```

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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