

Converting Colors

CIELCh(98, 8.829, 97.708)

Have a look what the booklet for
CIELCh(98, 8.829, 97.708) contains.

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Color

CIELCh(98, 8.814, 97.682)

Conversions

Conversions Part 1

Format	Color
Hex	FEF9E8
RGB	254, 249, 232
RGB Percent	100%, 98%, 91%
CMY	0.0027, 0.0223, 0.0890
CMYK	0.00, 0.02, 0.09, 0.00
HSL	46°, 94%, 95%
HSV	46°, 9%, 100%
XYZ	89.5677, 94.9163, 90.1724
YIQ	248.5570, 8.4370, -4.2270

Conversions

Conversions Part 2

Format	Color
R _Y B	238, 254, 232
Decimal	16710120
CIE Lab	98.00, -1.18, 8.73
CIE LCh	98, 8.814, 97.682
Yxy	94.9163, 0.3261, 0.3456
Android (android.graphics.Color)	4294900200 (0xFFFEF9E8)
YUV	248.5570, -8.1626, 4.7735
Hunter-Lab	97.4250, -6.3897, 13.3212

Details

The CIELCh color **98, 8.814, 97.682** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 8.896, 279.811**, 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, 9.182, 99.760** is the 20% darker color. If you saturate the color by 10%, you get **96, 19.111, 96.505**, and if you desaturate by 10%, it is **100, 0.238, 202.170**.

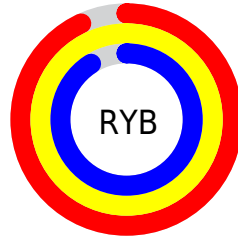
Distribution



Red (100%)

Green (98%)

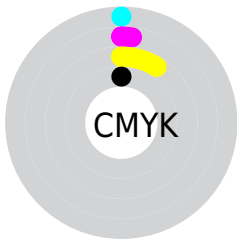
Blue (91%)



Red (93%)

Yellow (100%)

Blue (91%)

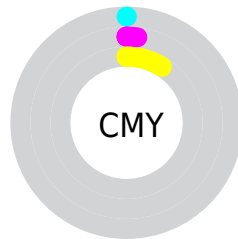


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (0%)



Cyan (0%)












Magenta (2%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 8.814, 97.682 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, 8.814, 97.682 by changing the saturation by 10% instead.

 98, 8.814, 97.682	 98, 8.814, 97.682
 100, 8.814, 97.682	 88, 8.814, 97.682
	 78, 8.814, 97.682
	 68, 8.814, 97.682
	 58, 8.814, 97.682
	 48, 8.814, 97.682
	 38, 8.814, 97.682
	 28, 8.814, 97.682
	 18, 8.814, 97.682
	 8, 8.814, 97.682

98, 8.814, 97.682

98, 8.814, 97.682

96, 19.111, 96.505

100, 0.238,
202.170

94, 29.469, 95.269

92, 39.818, 94.002

90, 50.019, 92.709

89, 59.829, 91.392

87, 68.830, 90.040

85, 76.370, 88.625

84, 81.600, 87.083

82, 83.969, 85.329

Harmonies

Complementary

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



98, 8.814, 97.682



94, 8.896, 279.811

Rectangle

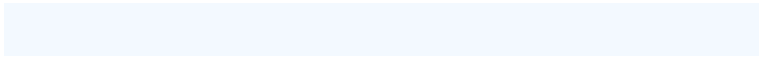
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 8.814, 97.682



98, 8.814, 147.682



98, 8.814, 277.682



98, 8.814, 327.682

Sweetspot

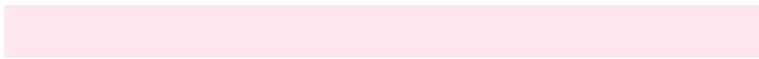
The Sweet Spot groups the original color and five complimentary colors.



98, 8.816, 97.696



99, 3.047, 98.314



94, 8.331, 1.498



53, 2.312, 98.236



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, 8.816, 97.696



98, 10.220, 97.539



99, 11.368, 120.022



52, 5.809, 97.597



64, 68.048, 85.437



21, 29.900, 87.724

Inverse Universe

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



94, 8.896, 279.811



93, 10.321, 279.986



93, 11.578, 301.087



50, 5.865, 279.921



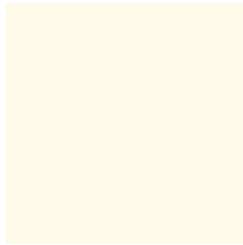
28, 91.607, 301.565



6, 36.607, 296.741

Previews

White Background



This preview shows how the CIELCh color 98, 8.814, 97.682 looks on a white background.

Color Contrast Check

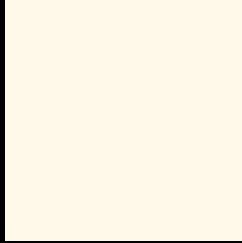
Large Text (above 18pt) WCAG AA × Fail

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, 8.814, 97.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

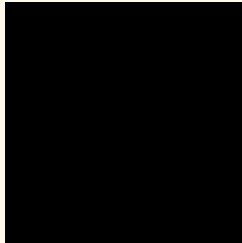
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 8.814, 97.682

Background



This preview shows how black text looks on a background with the CIELCh color 98, 8.814, 97.682.

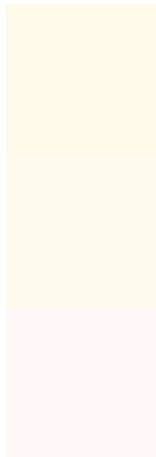


This preview shows how white text looks on a background with the CIELCh color 98, 8.814, 97.682.

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, 8.814, 97.682

Protanopia

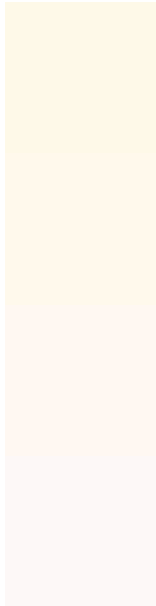
98, 5.971, 88.637

Deuteranopia

98, 2.519, 30.953

Tritanopia
98, 4.002, 316.244

Trichromacy



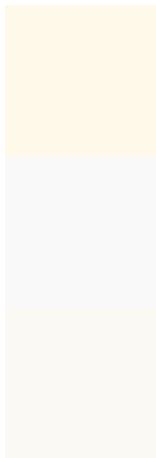
Original Color
98, 8.814, 97.682

Protanomaly
98, 6.933, 91.542

Deuteranomaly
98, 3.919, 70.425

Tritanomaly
98, 1.828, 35.313

Monochromacy



Original Color
98, 8.814, 97.682

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 3.119, 96.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 8.814, 97.682 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, 249, 232)` looks like.

```
.text, #text, p{  
    color:rgb(254, 249, 232)  
}
```

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, 249, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 249, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 8.814, 97.682 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, 249, 232) }
```

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

```
.border{ border-color:rgb(254, 249, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 249, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 249, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 249, 232);  
box-shadow:4px 4px 4px 4px rgb(254, 249,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 8.814, 97.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 249, 232) }
```

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

```
.background{ background-color: rgb(254,  
249, 232) }
```

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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