

Converting Colors

CIELCh(98, 0.991, 65.338)

Have a look what the booklet for
CIELCh(98, 0.991, 65.338) contains.

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Color

CIELCh(98, 1.223, 74.870)

Conversions

Conversions Part 1

Format	Color
Hex	FBF9F7
RGB	251, 249, 247
RGB Percent	98%, 98%, 97%
CMY	0.0160, 0.0238, 0.0316
CMYK	0.00, 0.01, 0.02, 0.02
HSL	30°, 33%, 98%
HSV	30°, 2%, 98%
XYZ	90.3910, 94.9163, 101.4965
YIQ	249.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

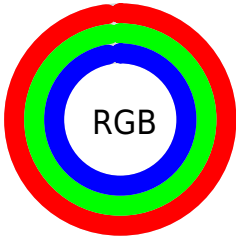
Format	Color
R _Y B	251, 251, 247
Decimal	16513527
CIE Lab	98.00, 0.32, 1.18
CIE LCh	98, 1.223, 74.870
Yxy	94.9163, 0.3152, 0.3309
Android (android.graphics.Color)	4294703607 (0xFFFBF9F7)
YUV	249.3700, -1.1684, 1.4295
Hunter-Lab	97.4250, -4.8812, 6.4297

Details

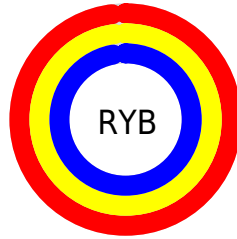
The CIELCh color 98, 1.223, 74.870 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 98, 1.236, 256.082, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 1.286, 74.894 is the 20% darker color. If you saturate the color by 10%, you get 94, 9.160, 74.062, and if you desaturate by 10%, it is 100, 1.413, 199.785.

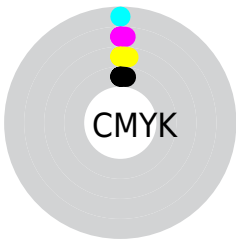
Distribution



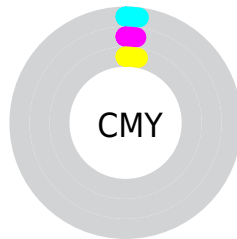
- Red (98%)
- Green (98%)
- Blue (97%)



- Red (98%)
- Yellow (98%)
- Blue (97%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (2%)














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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 1.223, 74.870 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, 1.223, 74.870 by changing the saturation by 10% instead.

 98, 1.223, 74.870	 98, 1.223, 74.870
100, 1.223, 74.870	 88, 1.223, 74.870
	 78, 1.223, 74.870
	 68, 1.223, 74.870
	 58, 1.223, 74.870
	 48, 1.223, 74.870
	 38, 1.223, 74.870
	 28, 1.223, 74.870
	 18, 1.223, 74.870
	 8, 1.223, 74.870

98, 1.223, 74.870

98, 1.223, 74.870

94, 9.160, 74.062

100, 1.413,
199.785

91, 17.471, 72.828

87, 26.182, 71.564

84, 35.294, 70.285

80, 44.769, 68.991

77, 54.479, 67.659

74, 64.122, 66.225

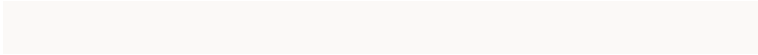
71, 73.083, 64.542

68, 80.304, 62.322

Harmonies

Complementary

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



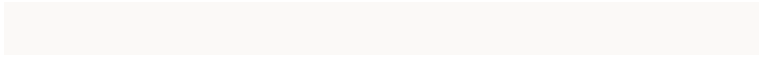
98, 1.223, 74.870



98, 1.236, 256.082

Rectangle

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



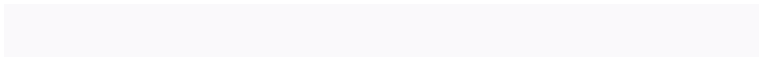
98, 1.223, 74.870



98, 1.223, 124.870



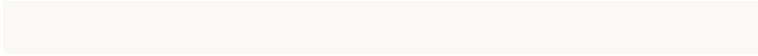
98, 1.223, 254.870



98, 1.223, 304.870

Sweetspot

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



98, 1.224, 74.988

100, 0.012, 296.813



98, 1.753, 343.507



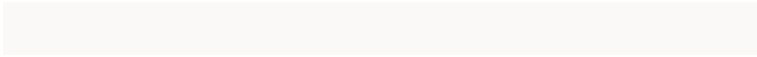
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



98, 1.224, 74.988



99, 1.560, 75.011



98, 2.024, 109.987



52, 0.872, 75.009



51, 67.965, 60.621



15, 25.830, 61.762

Inverse Universe

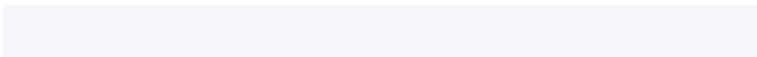
The Inverse Universe completely reimagines the original color for something new.



98, 1.236, 256.082



99, 1.569, 256.062



97, 2.053, 290.370



52, 0.878, 256.064



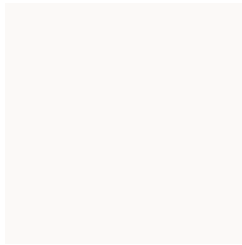
41, 57.802, 284.249



11, 22.998, 277.350

Previews

White Background



This preview shows how the CIE LCh color 98, 1.223, 74.870 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, 1.223, 74.870 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, 1.223, 74.870

Background



This preview shows how black text looks on a background with the CIELCh color 98, 1.223, 74.870.



This preview shows how white text looks on a background with the CIELCh color 98, 1.223, 74.870.

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, 1.223, 74.870

Protanopia

98, 2.340, 45.008

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.744, 306.635

Trichromacy



Original Color

98, 1.223, 74.870

Protanomaly

98, 2.025, 49.322

Deuteranomaly

98, 2.116, 19.237

Tritanomaly

98, 2.316, 317.263

Monochromacy



Original Color

98, 1.223, 74.870

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 0.607, 74.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 1.223, 74.870 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(251, 249, 247)` looks like.

```
.text, #text, p{  
    color:rgb(251, 249, 247)  
}
```

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(251, 249, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 249, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 1.223, 74.870 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(251, 249, 247) }
```

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

```
.border{ border-color:rgb(251, 249, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 249, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 249, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 249, 247);  
box-shadow:4px 4px 4px 4px rgb(251, 249,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 1.223, 74.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 249, 247) }
```

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

```
.background{ background-color: rgb(251,  
249, 247) }
```

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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