

Converting Colors

CIELCh(100, 12.716, 70.246)

Have a look what the booklet for
CIELCh(100, 12.716, 70.246)
contains.

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Color

CIELCh(98, 9.741, 100.901)

Conversions

Conversions Part 1

Format	Color
Hex	FEFAE7
RGB	254, 250, 231
RGB Percent	100%, 98%, 91%
CMY	0.0053, 0.0209, 0.0954
CMYK	0.00, 0.02, 0.09, 0.01
HSL	50°, 90%, 95%
HSV	50°, 9%, 99%
XYZ	89.2042, 94.9163, 88.9817
YIQ	249.0300, 8.4830, -5.0610

Conversions

Conversions Part 2

Format	Color
R_{YB}	236, 254, 231
Decimal	16710375
CIE Lab	98.00, -1.84, 9.57
CIE LCh	98, 9.741, 100.901
Yxy	94.9163, 0.3266, 0.3475
Android (android.graphics.Color)	4294900455 (0xFFFEFAE7)
YUV	249.0300, -8.8888, 4.3587
Hunter-Lab	97.4250, -7.0556, 14.0458

Details

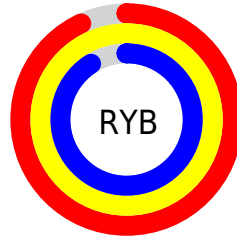
The CIELCh color **98, 9.741, 100.901** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 9.870, 283.028**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 10.178, 102.767** is the 20% darker color. If you saturate the color by 10%, you get **96, 20.563, 99.772**, and if you desaturate by 10%, it is **100, 0.503, 273.664**.

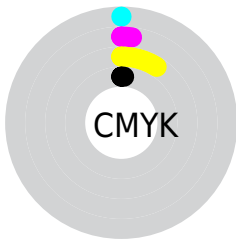
Distribution



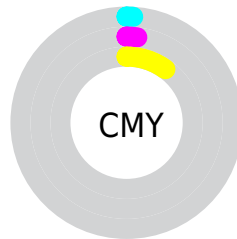
- Red (100%)
- Green (98%)
- Blue (91%)



- Red (93%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (2%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 9.741, 100.901 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, 9.741, 100.901 by changing the saturation by 10% instead.

 98, 9.741, 100.901

 98, 9.741, 100.901

 100, 9.741,
100.901

 88, 9.741, 100.901

 78, 9.741, 100.901

 68, 9.741, 100.901

 58, 9.741, 100.901

 48, 9.741, 100.901

 38, 9.741, 100.901

 28, 9.741, 100.901

 18, 9.741, 100.901

 8, 9.741, 100.901

98, 9.741, 100.901

98, 9.741, 100.901

96, 20.563, 99.772

100, 0.503,
273.664

95, 31.387, 98.597

100, 0.468,
200.793

93, 42.123, 97.402

92, 52.608, 96.196

90, 62.567, 94.987

89, 71.553, 93.780

88, 78.899, 92.565

87, 83.813, 91.312

86, 85.908, 89.970

Harmonies

Complementary

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



98, 9.741, 100.901



93, 9.870, 283.028

Rectangle

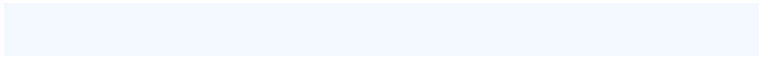
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 9.741, 100.901



98, 9.741, 150.901



98, 9.741, 280.901



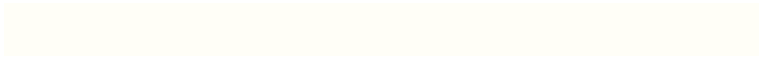
98, 9.741, 330.901

Sweetspot

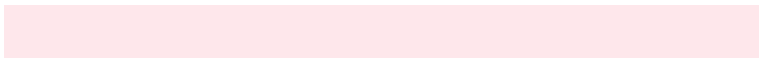
The Sweet Spot groups the original color and five complimentary colors.



98, 9.743, 100.913



99, 3.227, 101.558



93, 8.554, 5.304



53, 2.449, 101.480



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, 9.743, 100.913



98, 11.892, 100.695



98, 11.966, 121.926



52, 6.143, 100.863



66, 69.686, 90.093



22, 31.057, 91.908

Inverse Universe

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



93, 9.870, 283.028



92, 12.072, 283.275



93, 12.182, 302.948



49, 6.226, 283.084



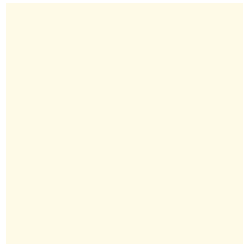
26, 97.036, 303.304



5, 38.585, 298.332

Previews

White Background



This preview shows how the CIE LCh color 98, 9.741, 100.901 looks on a white background.

Color Contrast Check

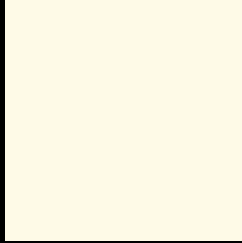
Large Text (above 18pt) WCAG AA × Fail

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, 9.741, 100.901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

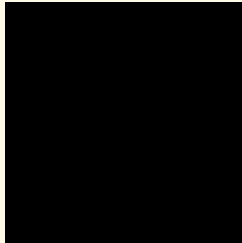
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 9.741, 100.901

Background



This preview shows how black text looks on a background with the CIELCh color 98, 9.741, 100.901.

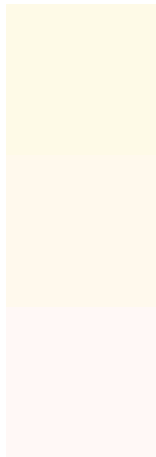


This preview shows how white text looks on a background with the CIELCh color 98, 9.741, 100.901.

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, 9.748, 100.897

Protanopia
98, 6.450, 90.201

Deuteranopia
98, 2.666, 41.733

Tritanopia
98, 4.002, 316.244

Trichromacy



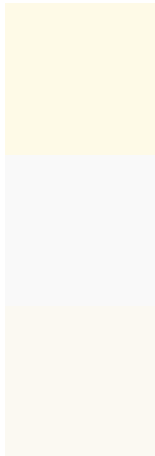
Original Color
98, 9.748, 100.897

Protanomaly
98, 7.419, 92.702

Deuteranomaly
98, 5.031, 84.604

Tritanomaly
98, 2.062, 66.765

Monochromacy



Original Color
98, 9.748, 100.897

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 3.617, 98.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 9.741, 100.901 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, 250, 231)` looks like.

```
.text, #text, p{  
    color:rgb(254, 250, 231)  
}
```

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, 250, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 250, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 9.741, 100.901 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, 250, 231) }
```

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

```
.border{ border-color:rgb(254, 250, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 250, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 250, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 250, 231);  
box-shadow:4px 4px 4px 4px rgb(254, 250,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 9.741, 100.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 250, 231) }
```

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

```
.background{ background-color: rgb(254,  
250, 231) }
```

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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