

Converting Colors

CIELCh(100, 17.849, 67.208)

Have a look what the booklet for
CIELCh(100, 17.849, 67.208)
contains.

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Color

CIELCh(98, 13.381, 99.703)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAE0
RGB	255, 250, 224
RGB Percent	100%, 98%, 88%
CMY	0.0000, 0.0209, 0.1229
CMYK	0.00, 0.02, 0.12, 0.00
HSL	50°, 100%, 94%
HSV	50°, 12%, 100%
XYZ	88.9786, 94.9163, 83.9072
YIQ	248.5310, 11.3260, -7.0260

Conversions

Conversions Part 2

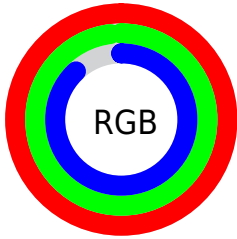
Format	Color
R _Y B	230, 255, 224
Decimal	16775904
CIE Lab	98.00, -2.26, 13.19
CIE LCh	98, 13.381, 99.703
Yxy	94.9163, 0.3323, 0.3544
Android (android.graphics.Color)	4294965984 (0xFFFFFAE0)
YUV	248.5310, -12.0938, 5.6733
Hunter-Lab	97.4250, -7.4690, 17.1340

Details

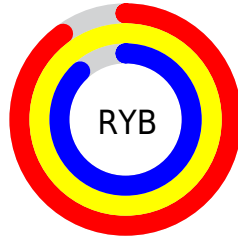
The CIELCh color **98, 13.381, 99.703** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 13.572, 283.649**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 13.391, 102.305** is the 20% darker color. If you saturate the color by 10%, you get **96, 24.259, 99.613**, and if you desaturate by 10%, it is **100, 2.471, 101.832**.

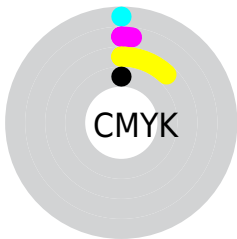
Distribution



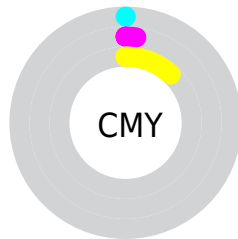
- Red (100%)
- Green (98%)
- Blue (88%)



- Red (90%)
- Yellow (100%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 13.381, 99.703 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, 13.381, 99.703 by changing the saturation by 10% instead.

 98, 13.381, 99.703

 98, 13.381, 99.703

 100, 13.381,
99.703

 88, 13.381, 99.703

 78, 13.381, 99.703

 68, 13.381, 99.703

 58, 13.381, 99.703

 48, 13.381, 99.703

 38, 13.381, 99.703

 28, 13.381, 99.703

 18, 13.381, 99.703

 8, 13.381, 99.703

98, 13.381, 99.703

98, 13.381, 99.703

96, 24.259, 99.613

100, 2.471,
101.832

95, 35.147, 98.434

100, 0.012,
296.813

93, 45.898, 97.240

92, 56.315, 96.039

91, 66.072, 94.839

89, 74.646, 93.642

88, 81.308, 92.435

87, 85.292, 91.181

86, 86.553, 90.157

Harmonies

Complementary

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



98, 13.381, 99.703



91, 13.572, 283.649

Rectangle

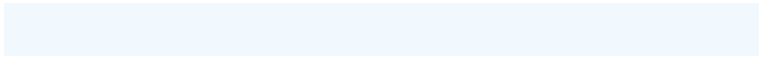
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 13.381, 99.703



98, 13.381, 149.703



98, 13.381, 279.703



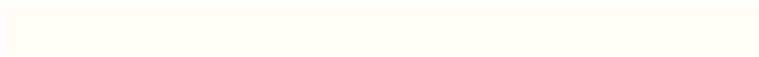
98, 13.381, 329.703

Sweetspot

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



98, 13.346, 100.763



99, 4.325, 101.672



92, 11.762, 5.657



53, 3.076, 101.594



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, 13.346, 100.763



98, 16.300, 100.455



99, 16.307, 121.739



52, 6.167, 101.076



66, 69.819, 90.405



22, 31.143, 92.184

Inverse Universe

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



91, 13.572, 283.649



89, 16.632, 284.014



91, 16.694, 303.154



49, 6.252, 283.290



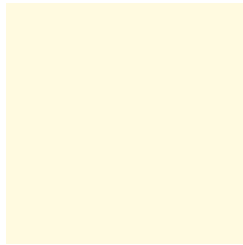
26, 97.380, 303.408



5, 38.710, 298.425

Previews

White Background



This preview shows how the CIE LCh color 98, 13.381, 99.703 looks on a white background.

Color Contrast Check

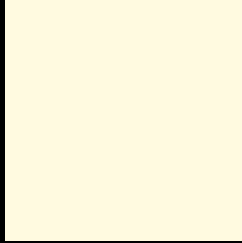
Large Text (above 18pt) WCAG AA × Fail

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, 13.381, 99.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

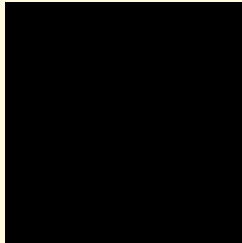
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 13.381, 99.703

Background



This preview shows how black text looks on a background with the CIELCh color 98, 13.381, 99.703.

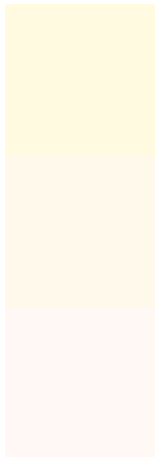


This preview shows how white text looks on a background with the CIELCh color 98, 13.381, 99.703.

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, 13.318, 101.270

Protanopia
98, 7.419, 92.702

Deuteranopia
98, 2.896, 51.088



Tritanopia
98, 4.791, 321.097

Trichromacy



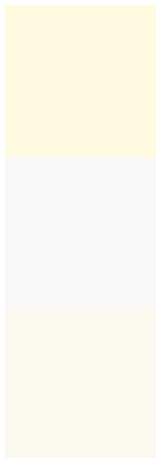
Original Color
98, 13.318, 101.270

Protanomaly
98, 9.388, 96.089

Deuteranomaly
98, 6.450, 90.201

Tritanomaly
98, 2.925, 63.312

Monochromacy



Original Color
98, 13.318, 101.270

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 5.124, 101.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 13.381, 99.703 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(255, 250, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 224)  
}
```

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(255, 250, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 13.381, 99.703 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(255, 250, 224) }
```

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

```
.border{ border-color:rgb(255, 250, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 13.381, 99.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 224) }
```

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

```
.background{ background-color: rgb(255,  
250, 224) }
```

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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