

Converting Colors

CIELCh(98, 13.649, 106.367)

Have a look what the booklet for
CIELCh(98, 13.649, 106.367)
contains.

CIELCh(98, 13.705, 107.603)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(98, 13.705, 107.603)

Conversions

Conversions Part 1

Format	Color
Hex	FCFBE0
RGB	252, 251, 224
RGB Percent	99%, 98%, 88%
CMY	0.0125, 0.0164, 0.1223
CMYK	0.00, 0.00, 0.11, 0.01
HSL	58°, 81%, 93%
HSV	58°, 11%, 99%
XYZ	87.9514, 94.9163, 84.0807
YIQ	248.2210, 9.2630, -8.1850

Conversions

Conversions Part 2

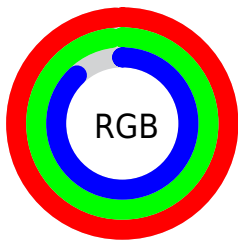
Format	Color
R _Y B	225, 252, 224
Decimal	16579552
CIE Lab	98.00, -4.14, 13.06
CIE LCh	98, 13.705, 107.603
Yxy	94.9163, 0.3295, 0.3556
Android (android.graphics.Color)	4294769632 (0xFFFCFBE0)
YUV	248.2210, -11.9410, 3.3142
Hunter-Lab	97.4250, -9.3509, 17.0284

Details

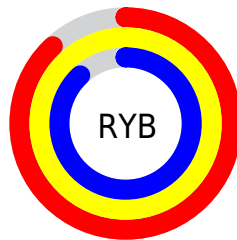
The CIELCh color **98, 13.705, 107.603** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 14.040, 289.935**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 13.831, 108.898** is the 20% darker color. If you saturate the color by 10%, you get **97, 25.979, 106.601**, and if you desaturate by 10%, it is **99, 1.368, 108.549**.

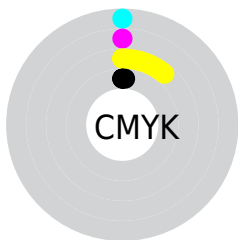
Distribution



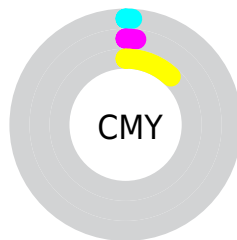
- Red (99%)
- Green (98%)
- Blue (88%)



- Red (88%)
- Yellow (99%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)




- Cyan (1%)
- Magenta (2%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 13.705, 107.603 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, 13.705, 107.603 by changing the saturation by 10% instead.


 98, 13.705,
107.603


 98, 13.705,
107.603


 100, 13.705,
107.603


 88, 13.705,
107.603

 78, 13.705,
107.603

 68, 13.705,
107.603

 58, 13.705,
107.603

 48, 13.705,
107.603

 38, 13.705,
107.603

 28, 13.705,

107.603

■ 18, 13.705,
107.603

■ 8, 13.705, 107.603

■ 98, 13.705,
107.603

■ 98, 13.705,
107.603

■ 97, 25.979,
106.601

■ 99, 1.368, 108.549

■ 97, 38.094,
105.589

■ 99, 1.250, 277.557

■ 96, 49.904,
104.594

■ 99, 0.960, 252.576

■ 95, 61.179,
103.639

■ 100, 0.946,
218.709

■ 100, 1.105,
199.935

■ 95, 71.560,
102.753

■ 95, 80.533,
101.969

■ 94, 87.455,
101.322

■ 94, 91.754,
100.834

■ 94, 93.469,
100.519

Harmonies

Complementary

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



98, 13.705, 107.603



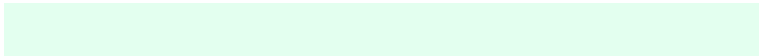
90, 14.040, 289.935

Rectangle

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



98, 13.705, 107.603



98, 13.705, 157.603



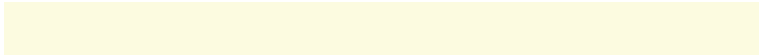
98, 13.705, 287.603



98, 13.705, 337.603

Sweetspot

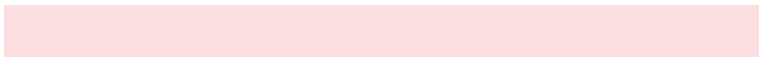
The Sweet Spot groups the original color and five complimentary colors.



98, 13.707, 107.611



100, 3.731, 108.405



91, 10.238, 16.046



53, 2.830, 108.330



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, 13.707, 107.611



99, 16.189, 107.421



97, 14.976, 126.790



52, 6.966, 107.773



72, 75.281, 100.561



24, 33.407, 101.110

Inverse Universe

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



90, 14.040, 289.935



90, 16.646, 290.161



91, 15.239, 307.831



48, 7.113, 289.746



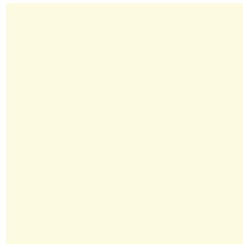
23, 105.105, 305.871



3, 40.978, 300.242

Previews

White Background



This preview shows how the CIE LCh color 98, 13.705, 107.603 looks on a white background.

Color Contrast Check

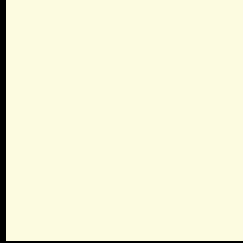
Large Text (above 18pt) WCAG AA × Fail

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, 13.705, 107.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

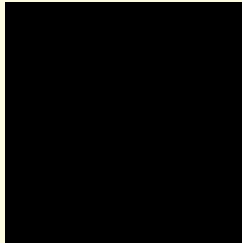
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 13.705, 107.603

Background



This preview shows how black text looks on a background with the CIELCh color 98, 13.705, 107.603.

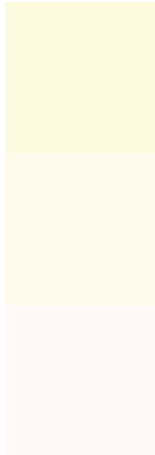


This preview shows how white text looks on a background with the CIELCh color 98, 13.705, 107.603.

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



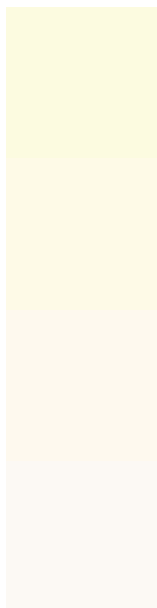
Original Color
98, 13.705, 107.603

Protanopia
98, 7.419, 92.702

Deuteranopia
98, 2.666, 41.733

Tritanopia
98, 3.859, 311.595

Trichromacy



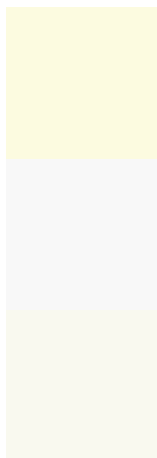
Original Color
98, 13.705, 107.603

Protanomaly
98, 9.748, 100.897

Deuteranomaly
98, 5.854, 91.933

Tritanomaly
98, 2.739, 87.132

Monochromacy



Original Color
98, 13.705, 107.603

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 5.083, 109.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 13.705, 107.603 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(252, 251, 224)` looks like.

```
.text, #text, p{  
    color:rgb(252, 251, 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(252, 251, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 251, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 13.705, 107.603 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(252, 251, 224) }
```

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

```
.border{ border-color:rgb(252, 251, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 251, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 251, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 251, 224);  
box-shadow:4px 4px 4px 4px rgb(252, 251,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 13.705, 107.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 251, 224) }
```

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

```
.background{ background-color: rgb(252,  
251, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor