

Converting Colors

CIELCh(100, 16.833, 72.753)

Have a look what the booklet for
CIELCh(100, 16.833, 72.753)
contains.

CIELCh(98, 13.769, 103.030)	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, 13.769, 103.030)

Conversions

Conversions Part 1

Format	Color
Hex	FEFADF
RGB	254, 250, 223
RGB Percent	100%, 98%, 87%
CMY	0.0033, 0.0189, 0.1248
CMYK	0.00, 0.02, 0.12, 0.00
HSL	52°, 95%, 94%
HSV	52°, 12%, 100%
XYZ	88.5160, 94.9163, 83.5988
YIQ	248.1180, 11.0510, -7.5490

Conversions

Conversions Part 2

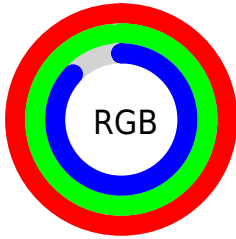
Format	Color
R _Y B	228, 254, 223
Decimal	16710367
CIE Lab	98.00, -3.10, 13.41
CIE LCh	98, 13.769, 103.030
Yxy	94.9163, 0.3315, 0.3555
Android (android.graphics.Color)	4294900447 (0xFFFEFADF)
YUV	248.1180, -12.3832, 5.1585
Hunter-Lab	97.4250, -8.3166, 17.3217

Details

The CIELCh color **98, 13.769, 103.030** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 14.049, 285.801**, 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, 13.883, 104.092** is the 20% darker color. If you saturate the color by 10%, you get **97, 25.086, 101.932**, and if you desaturate by 10%, it is **99, 2.459, 104.075**.

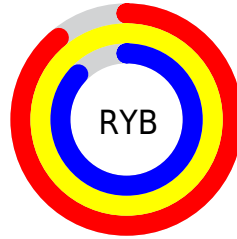
Distribution



Red (100%)

Green (98%)

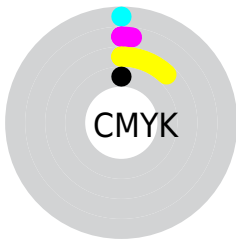
Blue (87%)



Red (89%)

Yellow (100%)

Blue (87%)

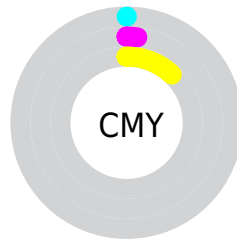


Cyan (0%)

Magenta (2%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 13.769, 103.030 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, 13.769, 103.030 by changing the saturation by 10% instead.


 98, 13.769,
103.030


 98, 13.769,
103.030


 100, 13.769,
103.030


 88, 13.769,
103.030


 78, 13.769,
103.030

 68, 13.769,
103.030

 58, 13.769,
103.030

 48, 13.769,
103.030

 38, 13.769,
103.030

 28, 13.769,

103.030

■ 18, 13.769,
103.030

■ 8, 13.769, 103.030

■ 98, 13.769,
103.030

■ 98, 13.769,
103.030

■ 97, 25.086,
101.932

■ 99, 2.459, 104.075

■ 95, 36.331,
100.806

100, 0.290,
201.676

■ 94, 47.380, 99.674

■ 93, 58.023, 98.551

■ 92, 67.916, 97.450

■ 91, 76.532, 96.385

■ 90, 83.161, 95.359

■ 89, 87.101, 94.361

■ 88, 88.364, 93.580

Harmonies

Complementary

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



98, 13.769, 103.030



91, 14.049, 285.801

Rectangle

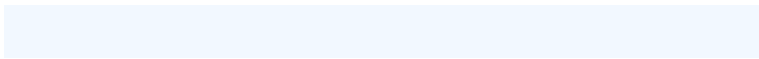
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 13.769, 103.030



98, 13.769, 153.030



98, 13.769, 283.030



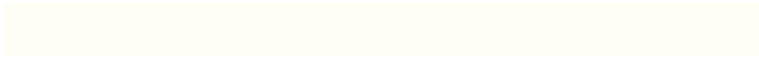
98, 13.769, 333.030

Sweetspot

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



98, 13.771, 103.039



99, 4.518, 103.907



91, 11.479, 9.519



53, 3.213, 103.832



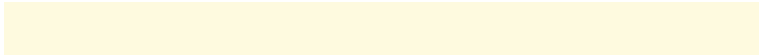
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



98, 13.771, 103.039



98, 17.000, 102.730



98, 16.269, 123.652



53, 6.437, 103.330



68, 71.444, 93.755



23, 32.125, 95.126

Inverse Universe

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



91, 14.049, 285.801



89, 17.419, 286.169



91, 16.627, 304.943



49, 6.542, 285.466



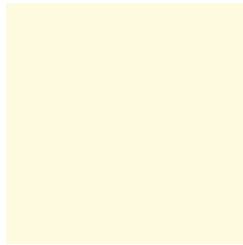
25, 100.851, 304.427



5, 40.030, 299.358

Previews

White Background



This preview shows how the CIE LCh color 98, 13.769, 103.030 looks on a white background.

Color Contrast Check

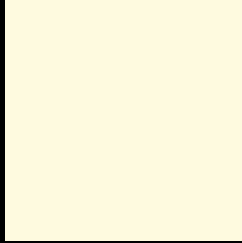
Large Text (above 18pt) WCAG AA × Fail

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, 13.769, 103.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

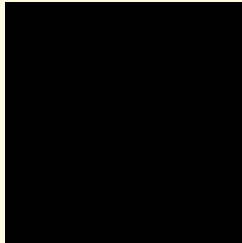
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 13.769, 103.030

Background



This preview shows how black text looks on a background with the CIELCh color 98, 13.769, 103.030.

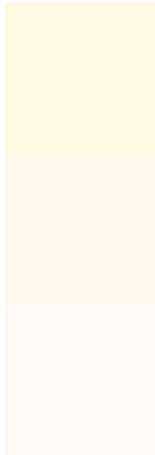


This preview shows how white text looks on a background with the CIELCh color 98, 13.769, 103.030.

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, 13.779, 103.025

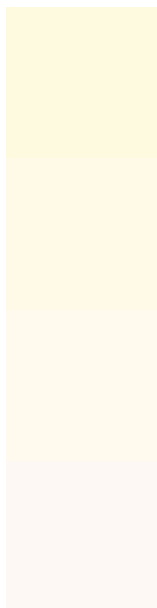
Protanopia
98, 7.419, 92.702

Deuteranopia
98, 2.666, 41.733



Tritanopia
98, 4.619, 317.378

Trichromacy



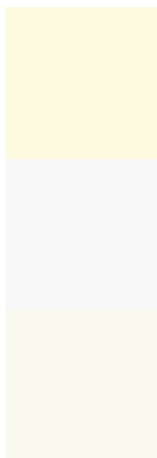
Original Color
98, 13.779, 103.025

Protanomaly
98, 9.388, 96.089

Deuteranomaly
98, 5.971, 88.637

Tritanomaly
98, 3.082, 74.796

Monochromacy



Original Color
98, 13.779, 103.025

Achromatopsia
98, 0.011, 296.813

Achromatomaly
98, 5.091, 105.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 13.769, 103.030 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(254, 250, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 250, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 13.769, 103.030 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, 223) }
```

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

```
.border{ border-color:rgb(254, 250, 223) }
```

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, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 250, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 250, 223);  
box-shadow:4px 4px 4px 4px rgb(254, 250,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 13.769, 103.030 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, 223) }
```

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

```
.background{ background-color: rgb(254,  
250, 223) }
```

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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