

Converting Colors

CIELCh(98, 23.351, 119.055)

Have a look what the booklet for
CIELCh(98, 23.351, 119.055)
contains.

CIELCh(98, 23.704, 119.205)	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, 23.704, 119.205)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFD1
RGB	243, 255, 209
RGB Percent	95%, 100%, 82%
CMY	0.0482, 0.0012, 0.1815
CMYK	0.05, 0.00, 0.18, 0.00
HSL	76°, 99%, 91%
HSV	76°, 18%, 100%
XYZ	83.9934, 94.9163, 74.0250
YIQ	246.1680, 7.6140, -16.8500

Conversions

Conversions Part 2

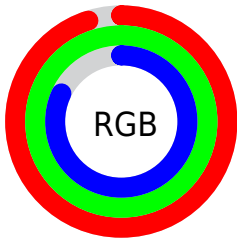
Format	Color
RYB	209, 255, 221
Decimal	15990737
CIELab	98.00, -11.57, 20.69
CIElCh	98, 23.704, 119.205
Yxy	94.9163, 0.3321, 0.3753
Android (android.graphics.Color)	4294180817 (0xFFFF3FFD1)
YUV	246.1680, -18.3238, -2.7783
Hunter-Lab	97.4250, -16.6027, 23.1480

Details

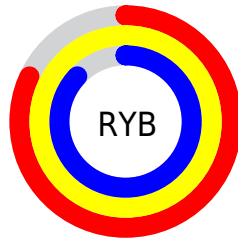
The CIELCh color **98, 23.704, 119.205** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 24.593, 301.563**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 23.712, 118.522** is the 20% darker color. If you saturate the color by 10%, you get **97, 36.681, 118.576**, and if you desaturate by 10%, it is **99, 10.592, 119.838**.

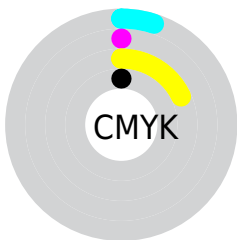
Distribution



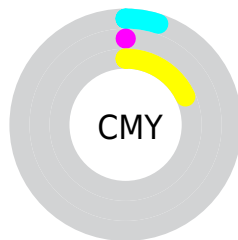
- Red (95%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 23.704, 119.205 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, 23.704, 119.205 by changing the saturation by 10% instead.


 98, 23.704,
119.205


 98, 23.704,
119.205


 100, 23.704,
119.205


 88, 23.704,
119.205

 78, 23.704,
119.205

 68, 23.704,
119.205

 58, 23.704,
119.205

 48, 23.704,
119.205

 38, 23.704,
119.205

 28, 23.704,

119.205

■ 18, 23.704,
119.205

■ 8, 23.704, 119.205

■ 98, 23.704,
119.205

■ 98, 23.704,
119.205

■ 97, 36.681,
118.576

■ 99, 10.592,
119.838

■ 96, 49.377,
117.964

100, 0.195,
322.858

■ 95, 61.585,
117.407

■ 95, 72.991,
116.959

■ 94, 83.142,
116.697

■ 94, 91.454,
116.722

■ 93, 97.347,
117.141

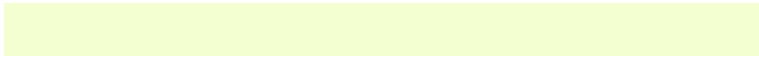
■ 93, 100.625,
118.009

■ 93, 101.107,
118.201

Harmonies

Complementary

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



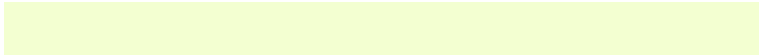
98, 23.704, 119.205



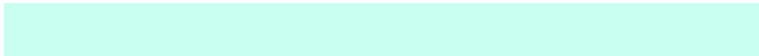
86, 24.593, 301.563

Rectangle

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



98, 23.704, 119.205



98, 23.704, 169.205



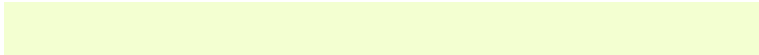
98, 23.704, 299.205



98, 23.704, 349.205

Sweetspot

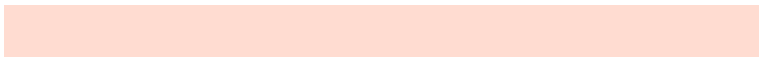
The Sweet Spot groups the original color and five complimentary colors.



98, 23.706, 119.209



99, 6.576, 120.029



90, 14.287, 44.659



53, 4.487, 119.985



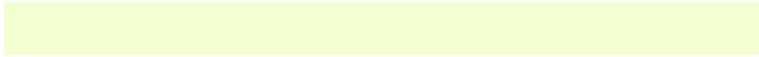
0, 0.000, 0.000



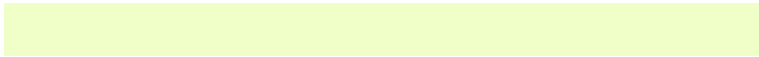
53, 0.007, 296.813

Same Dimension

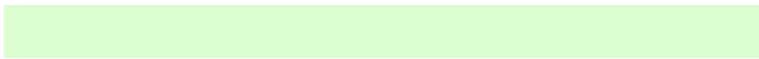
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 23.706, 119.209



98, 28.872, 118.959



96, 26.613, 136.449



53, 7.481, 119.748



72, 81.403, 117.970



24, 36.634, 116.718

Inverse Universe

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



86, 24.593, 301.563



83, 30.209, 301.876



88, 26.914, 318.073



49, 7.631, 300.936



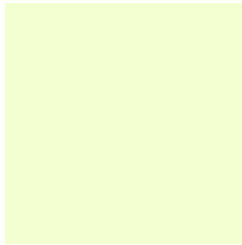
25, 105.287, 307.836



4, 44.679, 306.820

Previews

White Background



This preview shows how the CIELCh color 98, 23.704, 119.205 looks on a white background.

Color Contrast Check

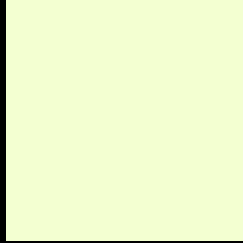
Large Text (above 18pt) WCAG AA × Fail

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, 23.704, 119.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

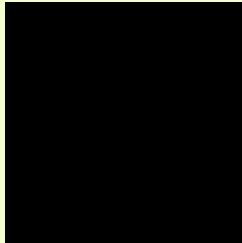
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

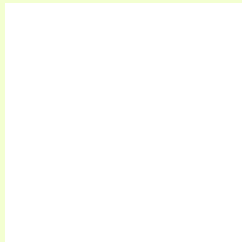
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 23.704, 119.205

Background



This preview shows how black text looks on a background with the CIELCh color 98, 23.704, 119.205.

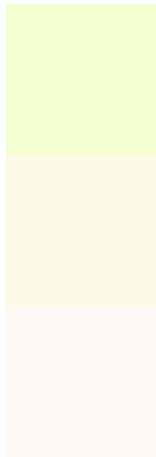


This preview shows how white text looks on a background with the CIELCh color 98, 23.704, 119.205.

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



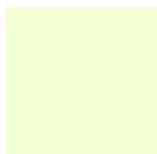
Original Color
98, 23.704, 119.205

Protanopia
98, 8.893, 95.390

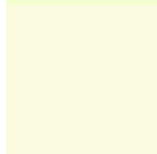
Deuteranopia
98, 3.192, 58.882

Tritanopia
98, 3.658, 301.411

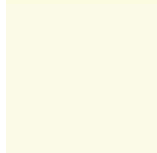
Trichromacy



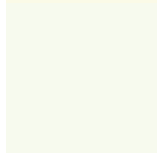
Original Color
98, 23.704, 119.205



Protanomaly
98, 13.704, 109.129

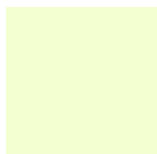


Deuteranomaly
98, 9.657, 107.293

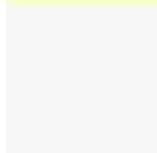


Tritanomaly
98, 6.203, 119.618

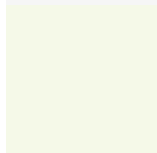
Monochromacy



Original Color
98, 23.704, 119.205



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 8.781, 118.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 23.704, 119.205 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(243, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 209)  
}
```

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(243, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 23.704, 119.205 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(243, 255, 209) }
```

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

```
.border{ border-color:rgb(243, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 23.704, 119.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 209) }
```

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

```
.background{ background-color: rgb(243,  
255, 209) }
```

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