

Converting Colors

CIELCh(98, 23.029, 122.493)

Have a look what the booklet for
CIELCh(98, 23.029, 122.493)
contains.

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Color

CIElCh(98, 22.975, 122.390)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFD3
RGB	240, 255, 211
RGB Percent	94%, 100%, 83%
CMY	0.0581, 0.0000, 0.1718
CMYK	0.06, 0.00, 0.17, 0.00
HSL	80°, 100%, 91%
HSV	80°, 17%, 100%
XYZ	83.6048, 94.9163, 75.6662
YIQ	245.4990, 5.1840, -16.8640

Conversions

Conversions Part 2

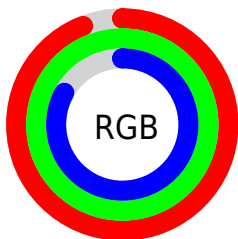
Format	Color
R_{YB}	211, 255, 226
Decimal	15794131
CIE _{Lab}	98.00, -12.31, 19.40
CIE _{LCh}	98, 22.975, 122.390
Yxy	94.9163, 0.3289, 0.3734
Android (android.graphics.Color)	4293984211 (0xFFFF0FFD3)
YUV	245.4990, -17.0080, -4.8226
Hunter-Lab	97.4250, -17.3148, 22.1492

Details

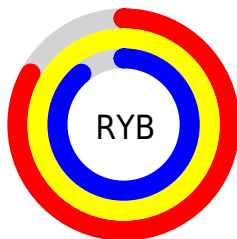
The CIELCh color **98, 22.975, 122.390** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 23.600, 304.234**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 22.950, 121.891** is the 20% darker color. If you saturate the color by 10%, you get **97, 36.058, 121.715**, and if you desaturate by 10%, it is **99, 9.558, 122.841**.

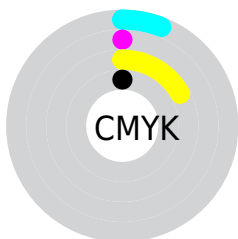
Distribution



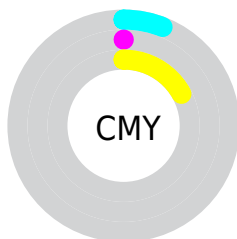
- Red (94%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 22.975, 122.390 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, 22.975, 122.390 by changing the saturation by 10% instead.


 98, 22.975,
122.390


 98, 22.975,
122.390


 100, 22.975,
122.390


 88, 22.975,
122.390

 78, 22.975,
122.390

 68, 22.975,
122.390

 58, 22.975,
122.390

 48, 22.975,
122.390

 38, 22.975,
122.390

 28, 22.975,

122.390

■ 18, 22.975,
122.390

■ 8, 22.975, 122.390

■ 98, 22.975,
122.390

■ 98, 22.975,
122.390

■ 97, 36.058,
121.715

■ 99, 9.558, 122.841

■ 96, 49.004,
121.164

100, 0.012,
296.813

■ 95, 61.499,
120.663

■ 94, 73.241,
120.267

■ 93, 83.793,
120.058

■ 93, 92.586,
120.145

■ 92, 99.032,
120.647

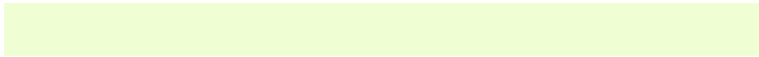
■ 92, 102.853,
121.640

■ 92, 103.653,
121.965

Harmonies

Complementary

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



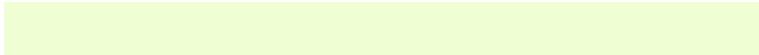
98, 22.975, 122.390



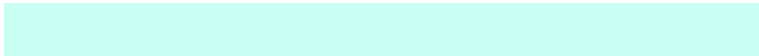
87, 23.600, 304.234

Rectangle

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



98, 22.975, 122.390



98, 22.975, 172.390



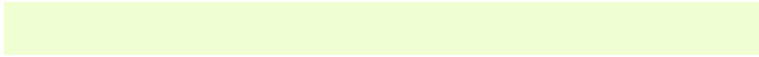
98, 22.975, 302.390



98, 22.975, 352.390

Sweetspot

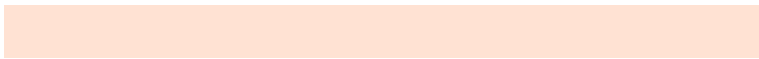
The Sweet Spot groups the original color and five complimentary colors.



98, 22.864, 122.280



99, 6.652, 122.963



92, 13.295, 54.314



53, 4.539, 122.924



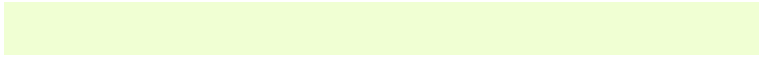
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

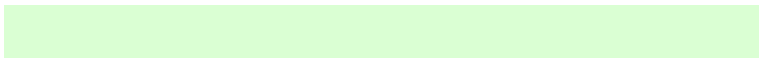
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 22.864, 122.280



98, 27.923, 122.064



96, 25.998, 138.930



53, 7.570, 122.711



71, 83.329, 121.698



24, 37.336, 120.237

Inverse Universe

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



87, 23.600, 304.234



84, 29.036, 304.491



89, 26.180, 320.580



49, 7.709, 303.749



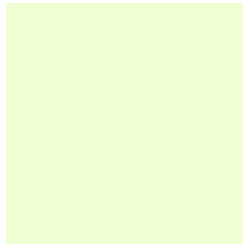
26, 103.919, 308.830



5, 44.818, 308.619

Previews

White Background



This preview shows how the CIELCh color 98, 22.975, 122.390 looks on a white background.

Color Contrast Check

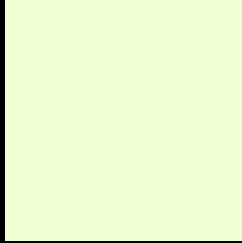
Large Text (above 18pt) WCAG AA × Fail

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, 22.975, 122.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

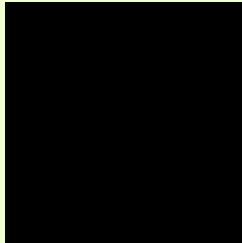
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

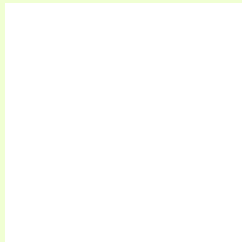
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 22.975, 122.390

Background



This preview shows how black text looks on a background with the CIELCh color 98, 22.975, 122.390.

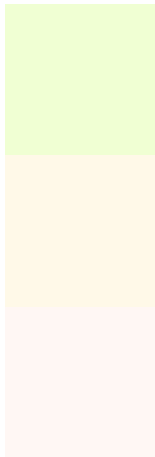


This preview shows how white text looks on a background with the CIELCh color 98, 22.975, 122.390.

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



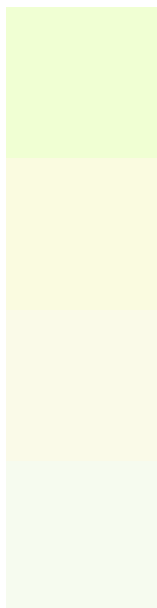
Original Color
98, 22.975, 122.390

Protanopia
98, 8.893, 95.390

Deuteranopia
98, 3.208, 47.763

Tritanopia
98, 3.604, 295.993

Trichromacy



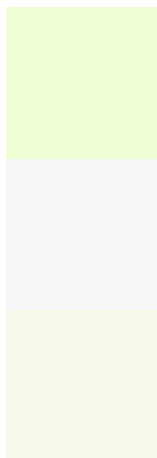
Original Color
98, 22.975, 122.390

Protanomaly
98, 13.712, 110.652

Deuteranomaly
98, 9.146, 109.474

Tritanomaly
98, 6.369, 125.894

Monochromacy



Original Color
98, 22.975, 122.390

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 8.354, 121.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 22.975, 122.390 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(240, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 211)  
}
```

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(240, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 22.975, 122.390 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(240, 255, 211) }
```

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

```
.border{ border-color:rgb(240, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 22.975, 122.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 211) }
```

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

```
.background{ background-color: rgb(240,  
255, 211) }
```

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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