

Converting Colors

CIELCh(98, 23.690, 119.437)

Have a look what the booklet for
CIELCh(98, 23.690, 119.437)
contains.

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Color

CIElCh(98, 23.781, 120.068)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFD1
RGB	242, 255, 209
RGB Percent	95%, 100%, 82%
CMY	0.0514, 0.0004, 0.1808
CMYK	0.05, 0.00, 0.18, 0.00
HSL	77°, 100%, 91%
HSV	77°, 18%, 100%
XYZ	83.8103, 94.9163, 74.1639
YIQ	245.8690, 7.0180, -17.0620

Conversions

Conversions Part 2

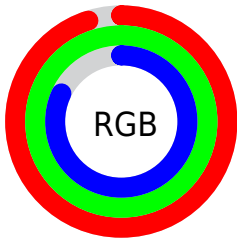
Format	Color
R_{YB}	209, 255, 222
Decimal	15925201
CIE _{Lab}	98.00, -11.91, 20.58
CIE _{LCh}	98, 23.781, 120.068
Yxy	94.9163, 0.3314, 0.3753
Android (android.graphics.Color)	4294115281 (0xFFFF2FFD1)
YUV	245.8690, -18.1764, -3.3931
Hunter-Lab	97.4250, -16.9382, 23.0635

Details

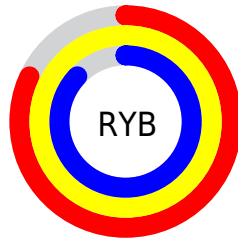
The CIELCh color **98, 23.781, 120.068** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 24.651, 302.335**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 23.792, 119.437** is the 20% darker color. If you saturate the color by 10%, you get **97, 36.817, 119.460**, and if you desaturate by 10%, it is **99, 10.615, 120.680**.

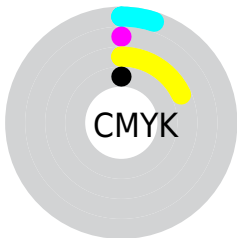
Distribution



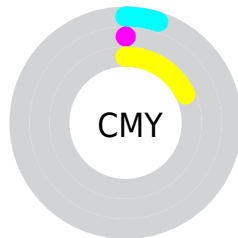
- Red (95%)
- Green (100%)
- Blue (82%)



- 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, 23.781, 120.068 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, 23.781, 120.068 by changing the saturation by 10% instead.


 98, 23.781,
120.068


 98, 23.781,
120.068


 100, 23.781,
120.068


 88, 23.781,
120.068

 78, 23.781,
120.068

 68, 23.781,
120.068

 58, 23.781,
120.068

 48, 23.781,
120.068

 38, 23.781,
120.068

 28, 23.781,

120.068

■ 18, 23.781,
120.068

■ 8, 23.781, 120.068

■ 98, 23.781,
120.068

■ 98, 23.781,
120.068

■ 97, 36.817,
119.460

■ 99, 10.615,
120.680

■ 96, 49.575,
118.868

100, 0.068,
319.854

■ 95, 61.851,
118.331

■ 95, 73.328,
117.904

■ 94, 83.557,
117.666

■ 93, 91.955,
117.722

■ 93, 97.942,
118.182

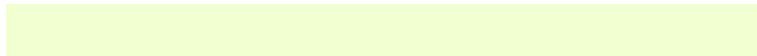
■ 92, 101.321,
119.103

■ 92, 101.825,
119.307

Harmonies

Complementary

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



98, 23.781, 120.068



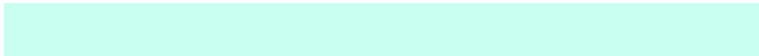
86, 24.651, 302.335

Rectangle

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



98, 23.781, 120.068



98, 23.781, 170.068



98, 23.781, 300.068



98, 23.781, 350.068

Sweetspot

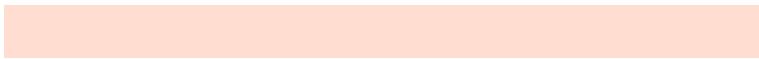
The Sweet Spot groups the original color and five complimentary colors.



98, 23.783, 120.071



99, 6.595, 120.864



91, 14.198, 46.545



53, 4.501, 120.822



0, 0.000, 0.000



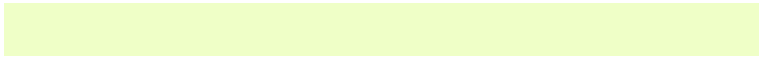
53, 0.007, 296.813

Same Dimension

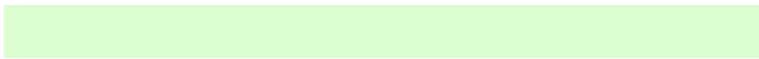
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 23.783, 120.071



98, 28.968, 119.829



97, 26.748, 136.948



53, 7.504, 120.592



71, 81.917, 119.065



24, 36.819, 117.742

Inverse Universe

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



86, 24.651, 302.335



83, 30.276, 302.635



88, 27.028, 318.589



49, 7.651, 301.735



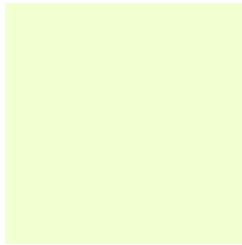
25, 104.925, 308.088



4, 44.721, 307.308

Previews

White Background



This preview shows how the CIELCh color 98, 23.781, 120.068 looks on a white background.

Color Contrast Check

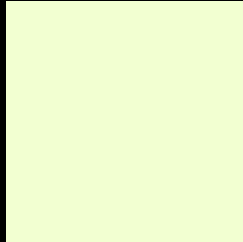
Large Text (above 18pt) WCAG AA × Fail

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, 23.781, 120.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

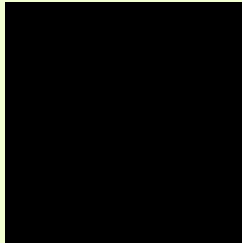
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

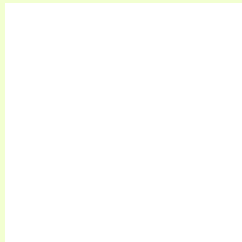
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 23.781, 120.068

Background



This preview shows how black text looks on a background with the CIELCh color 98, 23.781, 120.068.

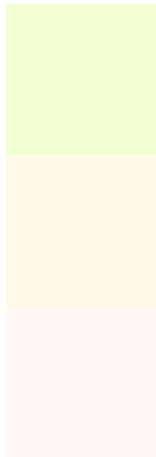


This preview shows how white text looks on a background with the CIELCh color 98, 23.781, 120.068.

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



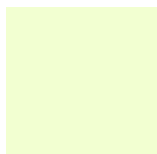
Original Color
98, 23.781, 120.068

Protanopia
98, 8.893, 95.390

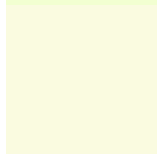
Deuteranopia
98, 3.192, 58.882

Tritanopia
98, 3.604, 295.993

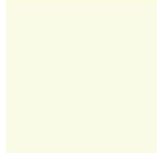
Trichromacy



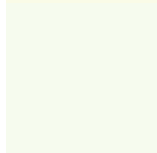
Original Color
98, 23.781, 120.068



Protanomaly
98, 13.712, 110.652

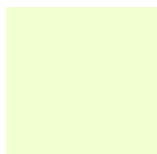


Deuteranomaly
98, 10.165, 111.433

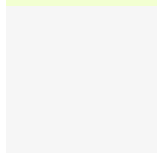


Tritanomaly
98, 6.859, 124.695

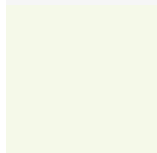
Monochromacy



Original Color
98, 23.781, 120.068



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 8.280, 119.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 23.781, 120.068 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(242, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 23.781, 120.068 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(242, 255, 209) }
```

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

```
.border{ border-color:rgb(242, 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(242, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 23.781, 120.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 209) }
```

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

```
.background{ background-color: rgb(242,  
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](#).

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