

Converting Colors

CIELCh(100, 23.021, 125.339)

Have a look what the booklet for
CIELCh(100, 23.021, 125.339)
contains.

CIELCh(98, 19.271, 121.907)	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, 19.271, 121.907)

Conversions

Conversions Part 1

Format	Color
Hex	F2FED9
RGB	242, 254, 217
RGB Percent	95%, 100%, 85%
CMY	0.0503, 0.0032, 0.1483
CMYK	0.05, 0.00, 0.15, 0.00
HSL	79°, 96%, 92%
HSV	79°, 15%, 100%
XYZ	84.7205, 94.9163, 79.6306
YIQ	246.1940, 4.7250, -14.0510

Conversions

Conversions Part 2

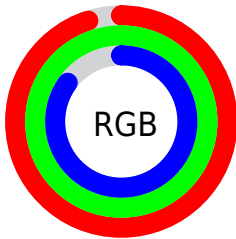
Format	Color
R _Y B	217, 254, 229
Decimal	15924953
CIE Lab	98.00, -10.19, 16.36
CIE LCh	98, 19.271, 121.907
Yxy	94.9163, 0.3268, 0.3661
Android (android.graphics.Color)	4294115033 (0xFFFF2FED9)
YUV	246.1940, -14.3926, -3.6781
Hunter-Lab	97.4250, -15.2706, 19.7366

Details

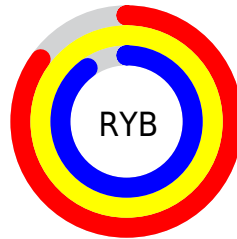
The CIELCh color **98, 19.271, 121.907** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 19.807, 303.582**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 19.095, 121.345** is the 20% darker color. If you saturate the color by 10%, you get **97, 32.438, 121.335**, and if you desaturate by 10%, it is **99, 6.022, 122.481**.

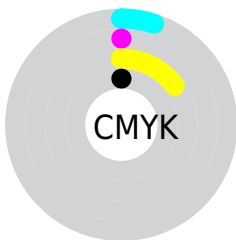
Distribution



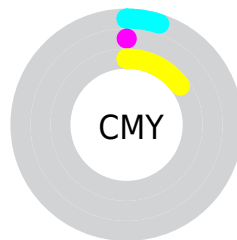
- Red (95%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (90%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 19.271, 121.907 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, 19.271, 121.907 by changing the saturation by 10% instead.


 98, 19.271,
121.907


 98, 19.271,
121.907


 100, 19.271,
121.907


 88, 19.271,
121.907


 78, 19.271,
121.907

 68, 19.271,
121.907

 58, 19.271,
121.907

 48, 19.271,
121.907

 38, 19.271,
121.907

 28, 19.271,

121.907

■ 18, 19.271,
121.907

■ 8, 19.271, 121.907

■ 98, 19.271,
121.907

■ 98, 19.271,
121.907

■ 97, 32.438,
121.335

■ 99, 6.022, 122.481

■ 96, 45.393,
120.767

100, 0.523,
323.869

■ 95, 57.958,
120.240

■ 94, 69.859,
119.800

■ 94, 80.700,
119.523

■ 93, 89.942,
119.508

■ 92, 96.983,
119.874

■ 92, 101.411,
120.717

■ 92, 102.944,
121.336

Harmonies

Complementary

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



98, 19.271, 121.907



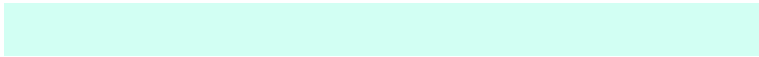
89, 19.807, 303.582

Rectangle

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



98, 19.271, 121.907



98, 19.271, 171.907



98, 19.271, 301.907



98, 19.271, 351.907

Sweetspot

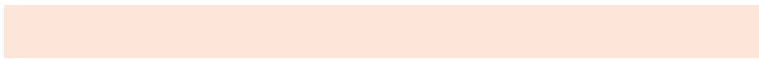
The Sweet Spot groups the original color and five complimentary colors.



98, 19.273, 121.911



100, 5.307, 122.513



93, 11.137, 52.533



53, 3.773, 122.469



0, 0.000, 0.000



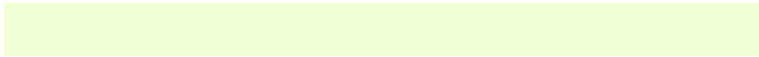
53, 0.007, 296.813

Same Dimension

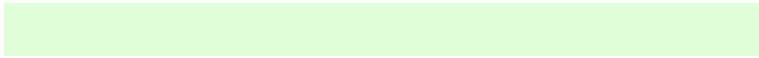
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 19.273, 121.911



98, 22.571, 121.770



97, 21.824, 138.603



53, 7.553, 122.199



71, 82.973, 121.077



24, 37.204, 119.644

Inverse Universe

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



89, 19.807, 303.582



87, 23.304, 303.745



90, 21.972, 319.955



49, 7.694, 303.261



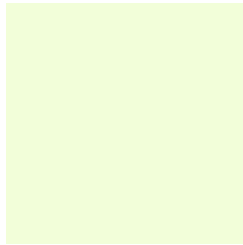
26, 104.174, 308.635



5, 44.796, 308.291

Previews

White Background



This preview shows how the CIE LCh color 98, 19.271, 121.907 looks on a white background.

Color Contrast Check

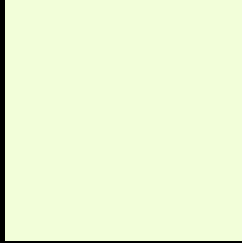
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 98, 19.271, 121.907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

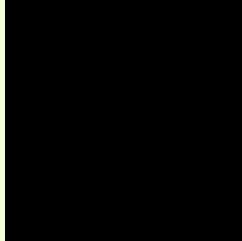
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

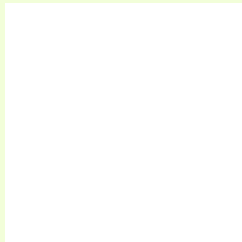
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 19.271, 121.907

Background



This preview shows how black text looks on a background with the CIELCh color 98, 19.271, 121.907.

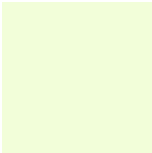
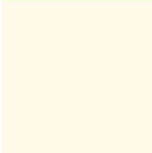


This preview shows how white text looks on a background with the CIELCh color 98, 19.271, 121.907.

Color Blindness Simulation

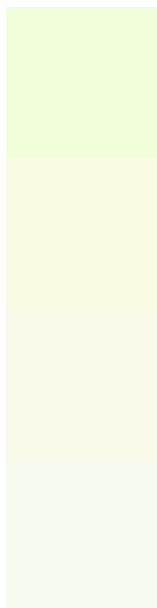
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

	Original Color 98, 19.286, 121.904
	Protanopia 98, 8.400, 94.603
	Deuteranopia 98, 2.896, 51.088

Tritanopia
98, 3.604, 295.993

Trichromacy



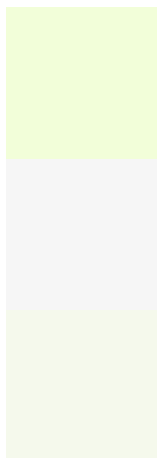
Original Color
98, 19.286, 121.904

Protanomaly
98, 12.193, 110.951

Deuteranomaly
98, 7.621, 109.589

Tritanomaly
98, 4.706, 122.870

Monochromacy



Original Color
98, 19.286, 121.904

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 6.781, 121.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 19.271, 121.907 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, 254, 217)` looks like.

```
.text, #text, p{  
    color:rgb(242, 254, 217)  
}
```

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, 254, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 254, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 19.271, 121.907 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, 254, 217) }
```

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

```
.border{ border-color:rgb(242, 254, 217) }
```

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

Here you see how a box with a 4 pixel rgb(242, 254, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 254, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 254, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 254,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 19.271, 121.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 254, 217) }
```

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

```
.background{ background-color: rgb(242,  
254, 217) }
```

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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