

Converting Colors

CIELCh(98, 26.091, 122.223)

Have a look what the booklet for
CIELCh(98, 26.091, 122.223)
contains.

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Color

CIElCh(98, 25.510, 121.722)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFCF
RGB	240, 255, 207
RGB Percent	94%, 100%, 81%
CMY	0.0601, 0.0000, 0.1896
CMYK	0.06, 0.00, 0.19, 0.00
HSL	79°, 100%, 91%
HSV	79°, 19%, 100%
XYZ	83.0271, 94.9163, 72.7590
YIQ	245.0430, 6.4680, -18.1080

Conversions

Conversions Part 2

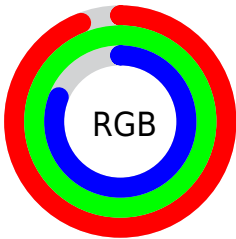
Format	Color
R_{YB}	207, 255, 222
Decimal	15794127
CIE _{Lab}	98.00, -13.41, 21.70
CIE _{LCh}	98, 25.510, 121.722
Yxy	94.9163, 0.3312, 0.3786
Android (android.graphics.Color)	4293984207 (0xFFFF0FFCF)
YUV	245.0430, -18.7552, -4.4227
Hunter-Lab	97.4250, -18.3732, 23.9184

Details

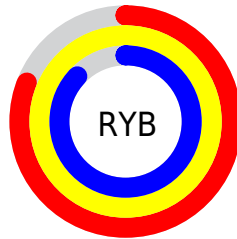
The CIELCh color **98, 25.510, 121.722** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 26.049, 303.612**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 24.481, 120.933** is the 20% darker color. If you saturate the color by 10%, you get **97, 38.229, 120.781**, and if you desaturate by 10%, it is **99, 11.882, 121.941**.

Distribution



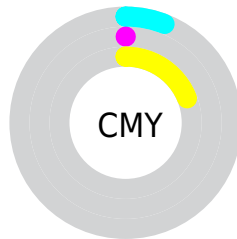
- Red (94%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 25.510, 121.722 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, 25.510, 121.722 by changing the saturation by 10% instead.


 98, 25.510,
121.722


 98, 25.510,
121.722


 100, 25.510,
121.722


 88, 25.510,
121.722

 78, 25.510,
121.722

 68, 25.510,
121.722

 58, 25.510,
121.722

 48, 25.510,
121.722

 38, 25.510,
121.722

 28, 25.510,

121.722

■ 18, 25.510,
121.722

■ 8, 25.510, 121.722

■ 98, 25.510,
121.722

■ 98, 25.510,
121.722

■ 97, 38.229,
120.781

■ 99, 11.882,
121.941

■ 96, 51.051,
120.220

100, 0.012,
296.813

■ 95, 63.372,
119.719

■ 94, 74.868,
119.335

■ 94, 85.076,
119.153

■ 93, 93.409,
119.283

■ 92, 99.303,
119.842

■ 92, 102.662,
120.865

■ 92, 102.949,
120.981

Harmonies

Complementary

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



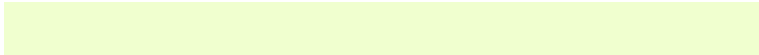
98, 25.510, 121.722



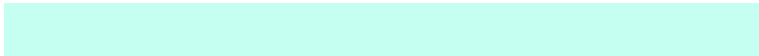
86, 26.049, 303.612

Rectangle

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



98, 25.510, 121.722



98, 25.510, 171.722



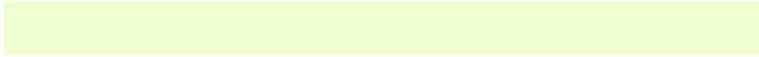
98, 25.510, 301.722



98, 25.510, 351.722

Sweetspot

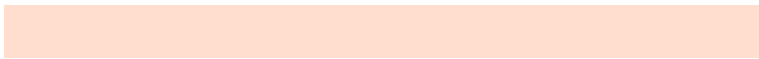
The Sweet Spot groups the original color and five complimentary colors.



98, 25.124, 121.362



99, 7.957, 122.111



91, 14.792, 52.251



53, 5.279, 122.073



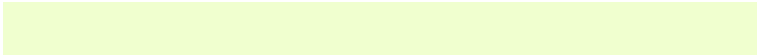
0, 0.000, 0.000



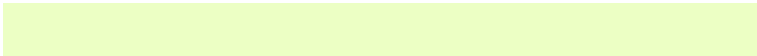
53, 0.007, 296.813

Same Dimension

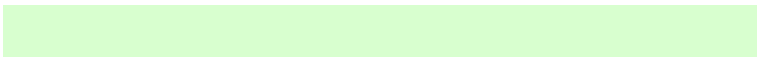
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 25.124, 121.362



97, 30.448, 121.126



96, 28.549, 138.353



53, 7.544, 121.909



71, 82.776, 120.722



24, 37.132, 119.307

Inverse Universe

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



86, 26.049, 303.612



83, 31.829, 303.902



88, 28.788, 320.160



49, 7.685, 302.985



26, 104.315, 308.530



5, 44.783, 308.109

Previews

White Background



This preview shows how the CIE LCh color 98, 25.510, 121.722 looks on a white background.

Color Contrast Check

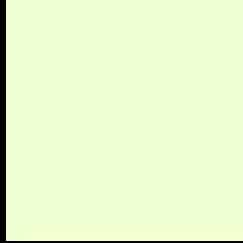
Large Text (above 18pt) WCAG AA × Fail

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, 25.510, 121.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

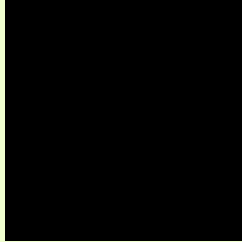
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

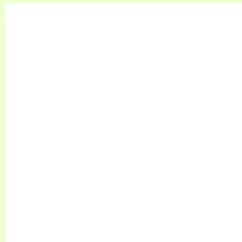
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 25.510, 121.722

Background



This preview shows how black text looks on a background with the CIELCh color 98, 25.510, 121.722.

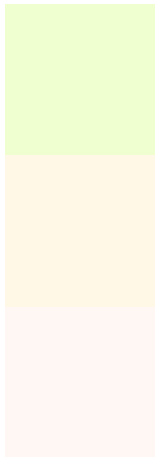


This preview shows how white text looks on a background with the CIELCh color 98, 25.510, 121.722.

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, 24.931, 121.197

Protanopia
98, 9.484, 93.941

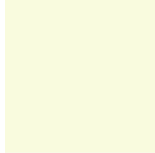
Deuteranopia
98, 3.479, 55.154

Tritanopia
98, 3.582, 290.469

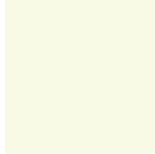
Trichromacy



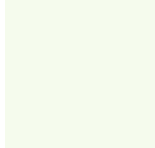
Original Color
98, 24.931, 121.197



Protanomaly
98, 14.742, 111.892



Deuteranomaly
98, 10.172, 111.431

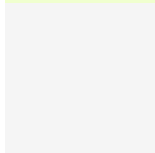


Tritanomaly
98, 7.451, 126.286

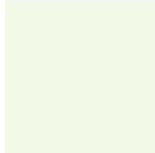
Monochromacy



Original Color
98, 24.931, 121.197



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 9.431, 122.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 25.510, 121.722 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 25.510, 121.722 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, 207) }
```

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

```
.border{ border-color:rgb(240, 255, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 25.510, 121.722 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, 207) }
```

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

```
.background{ background-color: rgb(240,  
255, 207) }
```

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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