

Converting Colors

CIELCh(98, 27.282, 122.921)

Have a look what the booklet for
CIELCh(98, 27.282, 122.921)
contains.

CIELCh(98, 26.578, 121.942)	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, 26.578, 121.942)

Conversions

Conversions Part 1

Format	Color
Hex	EFFECD
RGB	239, 255, 205
RGB Percent	94%, 100%, 80%
CMY	0.0628, 0.0000, 0.1962
CMYK	0.06, 0.00, 0.20, 0.00
HSL	79°, 100%, 90%
HSV	79°, 20%, 100%
XYZ	82.6897, 94.9163, 71.6974
YIQ	244.5160, 6.5140, -18.9420

Conversions

Conversions Part 2

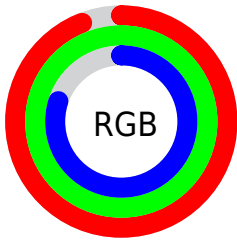
Format	Color
R _Y B	205, 255, 221
Decimal	15728589
CIE Lab	98.00, -14.06, 22.55
CIE LCh	98, 26.578, 121.942
Yxy	94.9163, 0.3317, 0.3807
Android (android.graphics.Color)	4293918669 (0xFFEFFFCD)
YUV	244.5160, -19.4814, -4.8375
Hunter-Lab	97.4250, -18.9913, 24.5645

Details

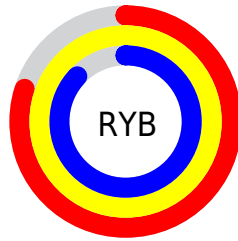
The CIELCh color **98, 26.578, 121.942** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 27.004, 303.764**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 25.596, 121.192** is the 20% darker color. If you saturate the color by 10%, you get **97, 39.114, 120.862**, and if you desaturate by 10%, it is **99, 12.772, 122.017**.

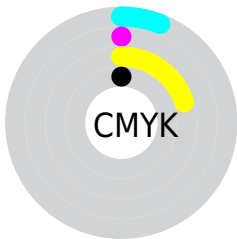
Distribution



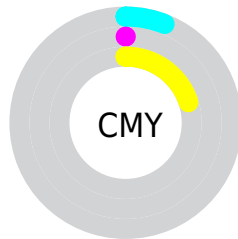
- Red (94%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 26.578, 121.942 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, 26.578, 121.942 by changing the saturation by 10% instead.


 98, 26.578,
121.942


 98, 26.578,
121.942


 100, 26.578,
121.942


 88, 26.578,
121.942

 78, 26.578,
121.942

 68, 26.578,
121.942

 58, 26.578,
121.942

 48, 26.578,
121.942

 38, 26.578,
121.942

 28, 26.578,

121.942

■ 18, 26.578,
121.942

■ 8, 26.578, 121.942

■ 98, 26.578,
121.942

■ 98, 26.578,
121.942

■ 97, 39.114,
120.862

■ 99, 12.772,
122.017

■ 96, 51.919,
120.306

100, 0.012,
296.813

■ 95, 64.206,
119.813

■ 94, 75.642,
119.441

■ 93, 85.756,
119.279

■ 93, 93.954,
119.438

■ 92, 99.685,
120.033

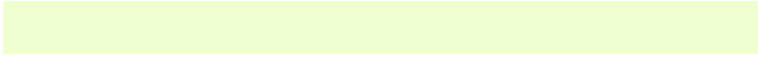
■ 92, 102.943,
121.081

■ 92, 103.048,
121.123

Harmonies

Complementary

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



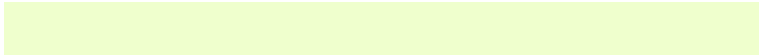
98, 26.578, 121.942



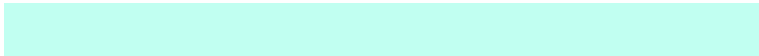
85, 27.004, 303.764

Rectangle

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



98, 26.578, 121.942



98, 26.578, 171.942



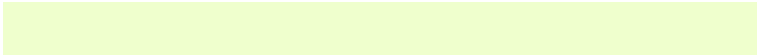
98, 26.578, 301.942



98, 26.578, 351.942

Sweetspot

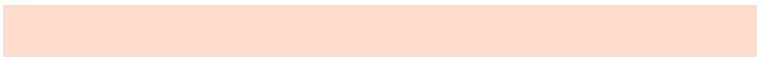
The Sweet Spot groups the original color and five complimentary colors.



98, 26.015, 121.440



99, 7.961, 122.224



90, 15.350, 52.209



53, 5.281, 122.187



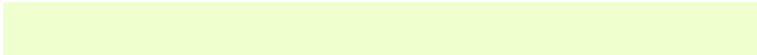
0, 0.000, 0.000



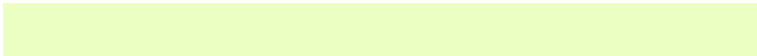
53, 0.007, 296.813

Same Dimension

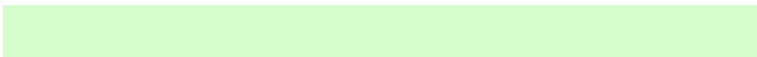
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 26.015, 121.440



97, 31.777, 121.186



96, 29.556, 138.314



53, 7.547, 122.024



71, 82.854, 120.863



24, 37.160, 119.441

Inverse Universe

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



85, 27.004, 303.764



82, 33.282, 304.079



87, 29.810, 320.191



49, 7.689, 303.094



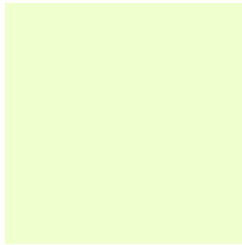
26, 104.260, 308.571



5, 44.788, 308.181

Previews

White Background



This preview shows how the CIELCh color 98, 26.578, 121.942 looks on a white background.

Color Contrast Check

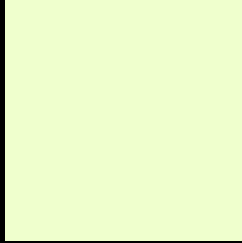
Large Text (above 18pt) WCAG AA × Fail

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, 26.578, 121.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

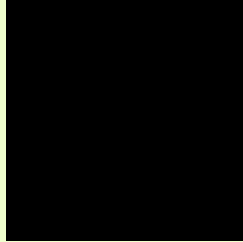
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

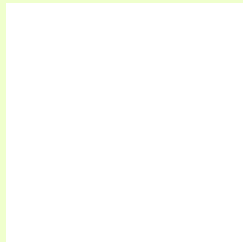
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 26.578, 121.942

Background



This preview shows how black text looks on a background with the CIELCh color 98, 26.578, 121.942.

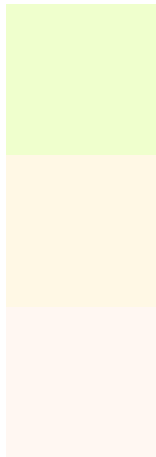


This preview shows how white text looks on a background with the CIELCh color 98, 26.578, 121.942.

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



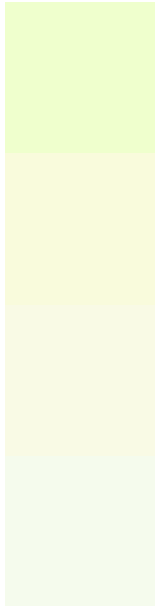
Original Color
98, 25.998, 121.445

Protanopia
98, 9.977, 94.663

Deuteranopia
98, 3.799, 61.384

Tritanopia
98, 3.582, 290.469

Trichromacy



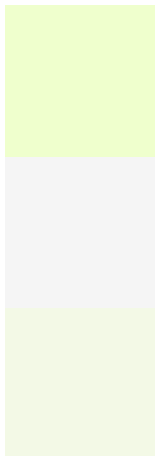
Original Color
98, 25.998, 121.445

Protanomaly
98, 15.754, 111.640

Deuteranomaly
98, 10.680, 111.298

Tritanomaly
98, 7.451, 126.286

Monochromacy



Original Color
98, 25.998, 121.445

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 9.928, 121.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 26.578, 121.942 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(239, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 205)  
}
```

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(239, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 26.578, 121.942 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(239, 255, 205) }
```

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

```
.border{ border-color:rgb(239, 255, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 26.578, 121.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 205) }
```

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

```
.background{ background-color: rgb(239,  
255, 205) }
```

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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