

Converting Colors

CIELCh(98, 27.779, 113.589)

Have a look what the booklet for
CIELCh(98, 27.779, 113.589)
contains.

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Color

CIELCh(98, 27.902, 113.474)

Conversions

Conversions Part 1

Format	Color
Hex	F7FEC7
RGB	247, 254, 199
RGB Percent	97%, 100%, 78%
CMY	0.0308, 0.0033, 0.2190
CMYK	0.03, 0.00, 0.22, 0.00
HSL	68°, 97%, 89%
HSV	68°, 22%, 100%
XYZ	84.2309, 94.9163, 68.0056
YIQ	245.6370, 13.4830, -18.5890

Conversions

Conversions Part 2

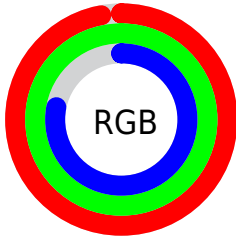
Format	Color
RYB	199, 254, 206
Decimal	16252615
CIELab	98.00, -11.11, 25.59
CIELCh	98, 27.902, 113.474
Yxy	94.9163, 0.3408, 0.3840
Android (android.graphics.Color)	4294442695 (0xFFFF7FEC7)
YUV	245.6370, -22.9920, 1.1954
Hunter-Lab	97.4250, -16.1677, 26.8112

Details

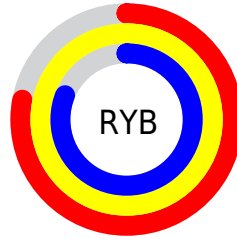
The CIELCh color **98, 27.902, 113.474** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 29.321, 297.147**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 27.626, 113.443** is the 20% darker color. If you saturate the color by 10%, you get **97, 40.546, 112.692**, and if you desaturate by 10%, it is **99, 15.060, 114.269**.

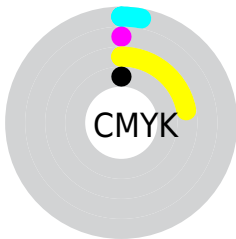
Distribution



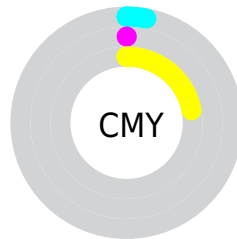
- Red (97%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 27.902, 113.474 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, 27.902, 113.474 by changing the saturation by 10% instead.

 98, 27.902,
113.474


 98, 27.902,
113.474


 100, 27.902,
113.474

 88, 27.902,
113.474

 78, 27.902,
113.474

 68, 27.902,
113.474

 58, 27.902,
113.474

 48, 27.902,
113.474

 38, 27.902,
113.474

 28, 27.902,

113.474

■ 18, 27.902,
113.474

■ 8, 27.902, 113.474

■ 98, 27.902,
113.474

■ 98, 27.902,
113.474

■ 97, 40.546,
112.692

■ 99, 15.060,
114.269

■ 97, 52.824,
111.936

■ 100, 2.120,
115.041

■ 96, 64.494,
111.246

■ 100, 0.529,
323.875

■ 96, 75.187,
110.671

■ 95, 84.384,
110.276

■ 95, 91.470,
110.138

■ 95, 95.931,
110.328

■ 95, 97.799,
110.725

Harmonies

Complementary

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



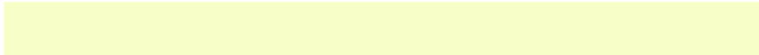
98, 27.902, 113.474



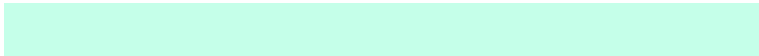
83, 29.321, 297.147

Rectangle

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



98, 27.902, 113.474



98, 27.902, 163.474



98, 27.902, 293.474



98, 27.902, 343.474

Sweetspot

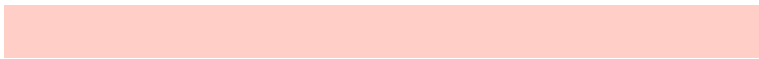
The Sweet Spot groups the original color and five complimentary colors.



98, 27.904, 113.478



99, 7.784, 114.710



87, 18.854, 30.876



53, 5.164, 114.659



0, 0.000, 0.000



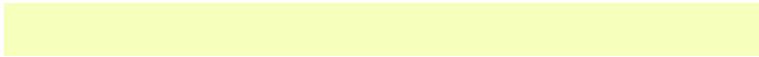
53, 0.007, 296.813

Same Dimension

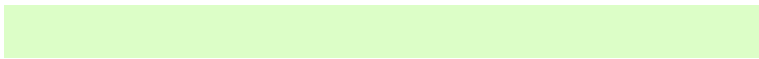
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 27.904, 113.478



98, 33.533, 113.133



96, 30.645, 132.069



53, 7.376, 114.437



73, 78.939, 110.596



25, 35.782, 109.949

Inverse Universe

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



83, 29.321, 297.147



79, 35.631, 297.629



85, 31.325, 313.975



49, 7.539, 295.963



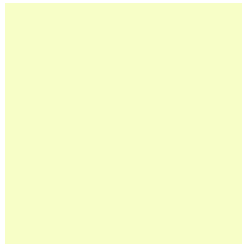
24, 106.996, 306.742



4, 44.416, 304.219

Previews

White Background



This preview shows how the CIE LCh color 98, 27.902, 113.474 looks on a white background.

Color Contrast Check

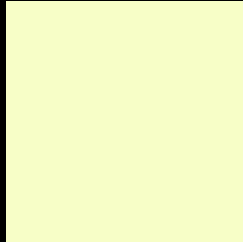
Large Text (above 18pt) WCAG AA × Fail

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, 27.902, 113.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

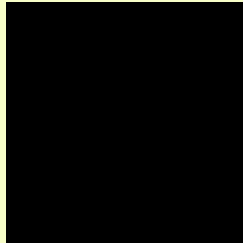
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 27.902, 113.474

Background



This preview shows how black text looks on a background with the CIELCh color 98, 27.902, 113.474.

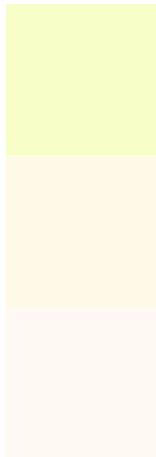


This preview shows how white text looks on a background with the CIELCh color 98, 27.902, 113.474.

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, 27.902, 113.474

Protanopia
98, 8.893, 95.390

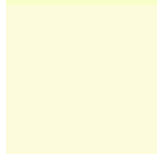
Deuteranopia
98, 3.537, 65.249

Tritanopia
98, 3.859, 311.595

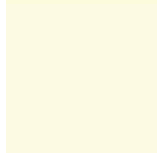
Trichromacy



Original Color
98, 27.902, 113.474



Protanomaly
98, 15.730, 107.637



Deuteranomaly
98, 11.700, 105.719

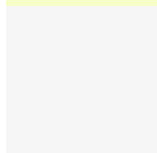


Tritanomaly
98, 7.621, 109.589

Monochromacy



Original Color
98, 27.902, 113.474



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 10.240, 115.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 27.902, 113.474 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(247, 254, 199)` looks like.

```
.text, #text, p{  
    color:rgb(247, 254, 199)  
}
```

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(247, 254, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 254, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 27.902, 113.474 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(247, 254, 199) }
```

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

```
.border{ border-color:rgb(247, 254, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 254, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 254, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 254, 199);  
box-shadow:4px 4px 4px 4px rgb(247, 254,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 27.902, 113.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 254, 199) }
```

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

```
.background{ background-color: rgb(247,  
254, 199) }
```

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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