

Converting Colors

CIELCh(100, 30.169, 117.383)

Have a look what the booklet for
CIELCh(100, 30.169, 117.383)
contains.

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Color

CIElCh(98, 26.888, 113.743)

Conversions

Conversions Part 1

Format	Color
Hex	F7FEC9
RGB	247, 254, 201
RGB Percent	97%, 100%, 79%
CMY	0.0312, 0.0037, 0.2114
CMYK	0.03, 0.00, 0.21, 0.00
HSL	68°, 97%, 89%
HSV	68°, 21%, 100%
XYZ	84.3826, 94.9163, 69.1826
YIQ	245.8650, 12.8410, -17.9670

Conversions

Conversions Part 2

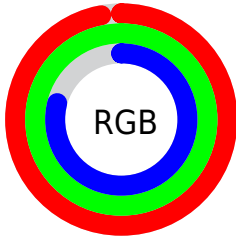
Format	Color
R_{YB}	201, 254, 208
Decimal	16252617
CIE _{Lab}	98.00, -10.83, 24.61
CIE _{LCh}	98, 26.888, 113.743
Yxy	94.9163, 0.3396, 0.3820
Android (android.graphics.Color)	4294442697 (0xFFFF7FEC9)
YUV	245.8650, -22.1184, 0.9954
Hunter-Lab	97.4250, -15.8896, 26.0949

Details

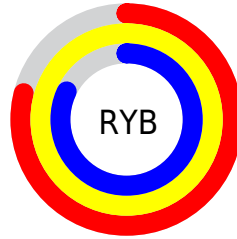
The CIELCh color **98, 26.888, 113.743** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 28.196, 297.237**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 26.591, 113.748** is the 20% darker color. If you saturate the color by 10%, you get **97, 39.554, 112.966**, and if you desaturate by 10%, it is **99, 14.035, 114.531**.

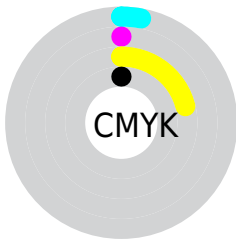
Distribution



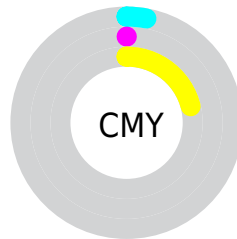
- Red (97%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 26.888, 113.743 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, 26.888, 113.743 by changing the saturation by 10% instead.

 98, 26.888,
113.743

 98, 26.888,
113.743


 100, 26.888,
113.743

 88, 26.888,
113.743

 78, 26.888,
113.743

 68, 26.888,
113.743

 58, 26.888,
113.743

 48, 26.888,
113.743

 38, 26.888,
113.743

 28, 26.888,

113.743

■ 18, 26.888,
113.743

■ 8, 26.888, 113.743

■ 98, 26.888,
113.743

■ 98, 26.888,
113.743

■ 97, 39.554,
112.966

■ 99, 14.035,
114.531

■ 97, 51.871,
112.214

■ 100, 1.089,
115.288

■ 96, 63.604,
111.524

■ 100, 0.598,
323.945

■ 96, 74.395,
110.945

■ 95, 83.740,
110.543

■ 95, 91.024,
110.395

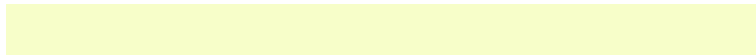
■ 95, 95.716,
110.573

■ 94, 97.850,
111.017

Harmonies

Complementary

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



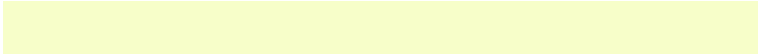
98, 26.888, 113.743



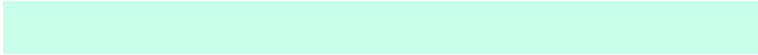
83, 28.196, 297.237

Rectangle

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



98, 26.888, 113.743



98, 26.888, 163.743



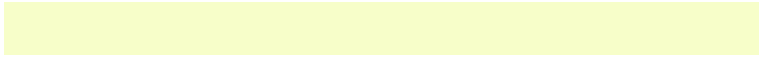
98, 26.888, 293.743



98, 26.888, 343.743

Sweetspot

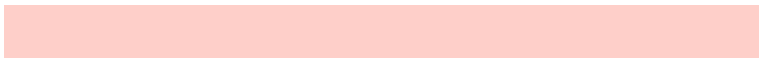
The Sweet Spot groups the original color and five complimentary colors.



98, 26.890, 113.747



99, 7.787, 114.906



87, 18.094, 30.839



53, 5.165, 114.856



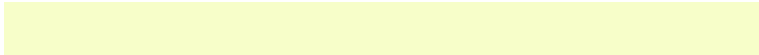
0, 0.000, 0.000



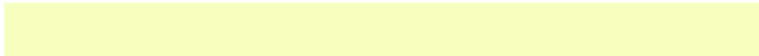
53, 0.007, 296.813

Same Dimension

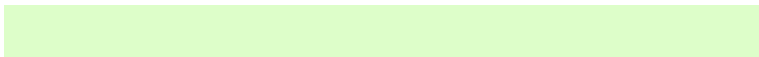
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 26.890, 113.747



98, 32.275, 113.421



96, 29.509, 132.108



53, 7.378, 114.635



73, 79.005, 110.885



25, 35.803, 110.210

Inverse Universe

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



83, 28.196, 297.237



80, 34.199, 297.685



85, 30.139, 313.938



49, 7.541, 296.147



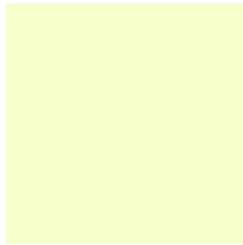
24, 106.950, 306.769



4, 44.426, 304.308

Previews

White Background



This preview shows how the CIE LCh color 98, 26.888, 113.743 looks on a white background.

Color Contrast Check

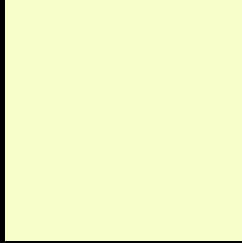
Large Text (above 18pt) WCAG AA × Fail

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, 26.888, 113.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

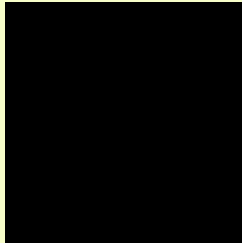
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 26.888, 113.743

Background



This preview shows how black text looks on a background with the CIELCh color 98, 26.888, 113.743.

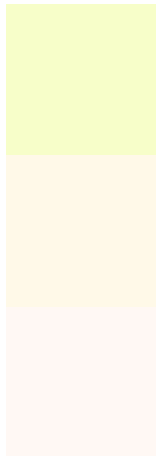


This preview shows how white text looks on a background with the CIELCh color 98, 26.888, 113.743.

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



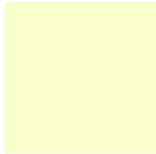
Original Color
98, 26.907, 113.737

Protanopia
98, 8.893, 95.390

Deuteranopia
98, 3.192, 58.882

Tritanopia
98, 3.859, 311.595

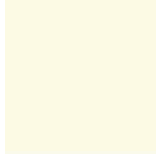
Trichromacy



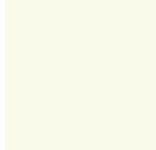
Original Color
98, 26.907, 113.737



Protanomaly
98, 15.224, 107.633

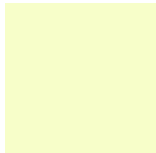


Deuteranomaly
98, 11.194, 105.602

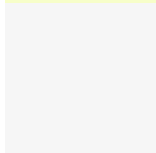


Tritanomaly
98, 7.621, 109.589

Monochromacy



Original Color
98, 26.907, 113.737



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 9.735, 115.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 26.888, 113.743 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(247, 254, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 254, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 26.888, 113.743 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, 201) }
```

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

```
.border{ border-color:rgb(247, 254, 201) }
```

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, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 254, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 254, 201);  
box-shadow:4px 4px 4px 4px rgb(247, 254,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 26.888, 113.743 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, 201) }
```

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

```
.background{ background-color: rgb(247,  
254, 201) }
```

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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