

Converting Colors

CIELCh(98, 25.423, 111.346)

Have a look what the booklet for
CIELCh(98, 25.423, 111.346)
contains.

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Color

CIElCh(98, 25.305, 110.796)

Conversions

Conversions Part 1

Format	Color
Hex	FAFDCB
RGB	250, 253, 203
RGB Percent	98%, 99%, 80%
CMY	0.0195, 0.0077, 0.2038
CMYK	0.01, 0.00, 0.20, 0.01
HSL	64°, 93%, 89%
HSV	64°, 20%, 99%
XYZ	85.3565, 94.9163, 70.3428
YIQ	246.4030, 14.2620, -16.1860

Conversions

Conversions Part 2

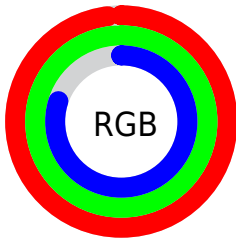
Format	Color
RYB	203, 253, 206
Decimal	16448971
CIELab	98.00, -8.98, 23.66
CIElCh	98, 25.305, 110.796
Yxy	94.9163, 0.3406, 0.3787
Android (android.graphics.Color)	4294639051 (0xFFFAFDCB)
YUV	246.4030, -21.3977, 3.1546
Hunter-Lab	97.4250, -14.1053, 25.3889

Details

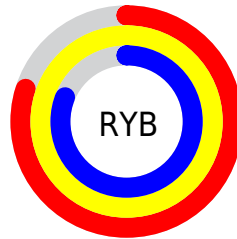
The CIELCh color **98, 25.305, 110.796** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 26.497, 294.558**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 24.915, 110.618** is the 20% darker color. If you saturate the color by 10%, you get **97, 37.896, 109.917**, and if you desaturate by 10%, it is **99, 12.537, 111.685**.

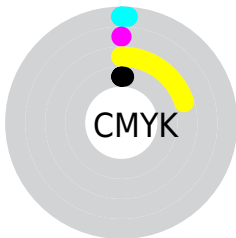
Distribution



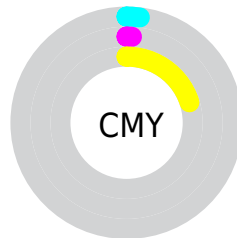
- Red (98%)
- Green (99%)
- Blue (80%)



- Red (80%)
- Yellow (99%)
- Blue (81%)



- Cyan (1%)
- Magenta (0%)
- Yellow (20%)
- Black (1%)





- Cyan (2%)
- Magenta (1%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 25.305, 110.796 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, 25.305, 110.796 by changing the saturation by 10% instead.


 98, 25.305,
110.796


 98, 25.305,
110.796


 100, 25.305,
110.796


 88, 25.305,
110.796

 78, 25.305,
110.796

 68, 25.305,
110.796

 58, 25.305,
110.796

 48, 25.305,
110.796

 38, 25.305,
110.796

 28, 25.305,

110.796

■ 18, 25.305,
110.796

■ 8, 25.305, 110.796

■ 98, 25.305,
110.796

■ 98, 25.305,
110.796

■ 97, 37.896,
109.917

■ 99, 12.537,
111.685

■ 97, 50.156,
109.057

■ 99, 0.318, 292.719

99, 1.151, 318.475

■ 97, 61.859,
108.251

100, 1.225,
324.232

■ 96, 72.658,
107.537

■ 96, 82.059,
106.966

■ 96, 89.452,
106.597

■ 95, 94.282,
106.483

■ 95, 96.577,
106.621

■ 95, 96.620,
106.625

Harmonies

Complementary

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



98, 25.305, 110.796



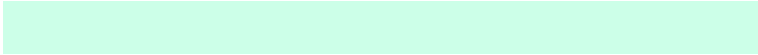
83, 26.497, 294.558

Rectangle

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



98, 25.305, 110.796



98, 25.305, 160.796



98, 25.305, 290.796



98, 25.305, 340.796

Sweetspot

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



98, 25.307, 110.800



100, 7.756, 112.014



87, 18.027, 24.839



53, 5.144, 111.957



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

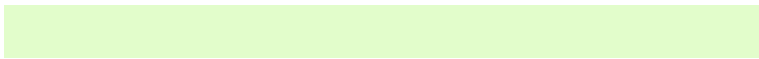
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 25.307, 110.800



98, 30.864, 110.424



96, 27.385, 129.913



53, 7.348, 111.708



74, 78.271, 106.563



26, 35.572, 106.315

Inverse Universe

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



83, 26.497, 294.558



81, 32.670, 295.080



85, 28.054, 311.683



49, 7.514, 293.436



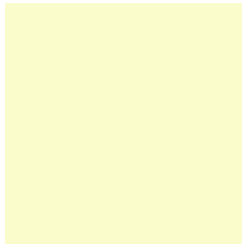
23, 107.480, 306.458



4, 44.271, 302.960

Previews

White Background



This preview shows how the CIE LCh color 98, 25.305, 110.796 looks on a white background.

Color Contrast Check

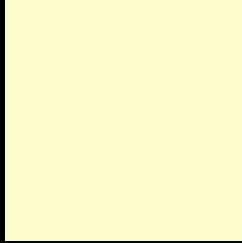
Large Text (above 18pt) WCAG AA × Fail

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, 25.305, 110.796 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, 25.305, 110.796

Background



This preview shows how black text looks on a background with the CIELCh color 98, 25.305, 110.796.

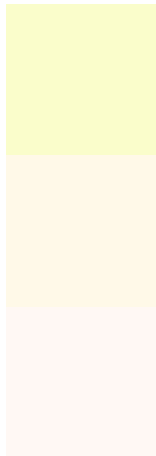


This preview shows how white text looks on a background with the CIELCh color 98, 25.305, 110.796.

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, 25.305, 110.796

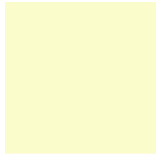
Protanopia
98, 8.893, 95.390

Deuteranopia
98, 3.192, 58.882

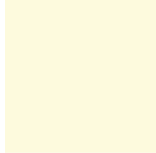


Tritanopia
98, 4.619, 317.378

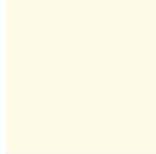
Trichromacy



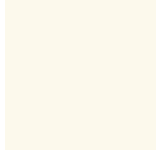
Original Color
98, 25.305, 110.796



Protanomaly
98, 14.759, 104.771

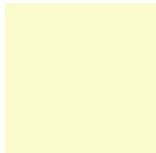


Deuteranomaly
98, 10.714, 103.530

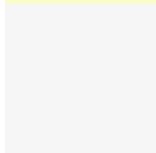


Tritanomaly
98, 6.685, 100.403

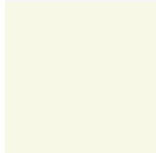
Monochromacy



Original Color
98, 25.305, 110.796



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 9.697, 113.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 25.305, 110.796 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(250, 253, 203)` looks like.

```
.text, #text, p{  
    color:rgb(250, 253, 203)  
}
```

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(250, 253, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 253, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 25.305, 110.796 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(250, 253, 203) }
```

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

```
.border{ border-color:rgb(250, 253, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 253, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 253, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 253, 203);  
box-shadow:4px 4px 4px 4px rgb(250, 253,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 25.305, 110.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 253, 203) }
```

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

```
.background{ background-color: rgb(250,  
253, 203) }
```

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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