

Converting Colors

CIELCh(98, 25.294, 105.875)

Have a look what the booklet for
CIELCh(98, 25.294, 105.875)
contains.

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Color

CIElCh(98, 25.308, 105.682)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCCA
RGB	255, 252, 202
RGB Percent	100%, 99%, 79%
CMY	0.0010, 0.0128, 0.2088
CMYK	0.00, 0.01, 0.21, 0.00
HSL	57°, 99%, 90%
HSV	57°, 21%, 100%
XYZ	86.4995, 94.9163, 69.4803
YIQ	247.1970, 17.8380, -14.9140

Conversions

Conversions Part 2

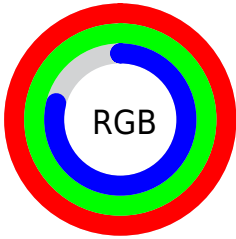
Format	Color
R_{YB}	205, 255, 202
Decimal	16776394
CIE Lab	98.00, -6.84, 24.37
CIE LCh	98, 25.308, 105.682
Yxy	94.9163, 0.3448, 0.3783
Android (android.graphics.Color)	4294966474 (0xFFFFFCCA)
YUV	247.1970, -22.2821, 6.8432
Hunter-Lab	97.4250, -12.0111, 25.9138

Details

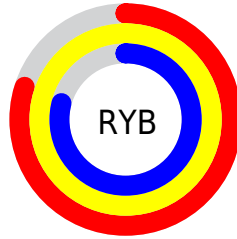
The CIELCh color **98, 25.308, 105.682** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 26.421, 290.306**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 24.924, 105.098** is the 20% darker color. If you saturate the color by 10%, you get **97, 37.324, 104.650**, and if you desaturate by 10%, it is **99, 13.162, 106.717**.

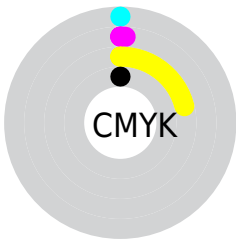
Distribution



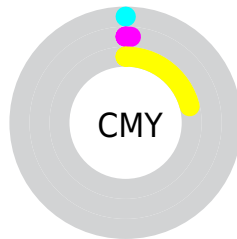
- Red (100%)
- Green (99%)
- Blue (79%)



- Red (80%)
- Yellow (100%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (21%)
- Black (0%)




- Cyan (0%)
- Magenta (1%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 25.308, 105.682 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, 25.308, 105.682 by changing the saturation by 10% instead.


 98, 25.308,
105.682


 98, 25.308,
105.682


 100, 25.308,
105.682


 88, 25.308,
105.682

 78, 25.308,
105.682

 68, 25.308,
105.682

 58, 25.308,
105.682

 48, 25.308,
105.682

 38, 25.308,
105.682

 28, 25.308,

105.682

■ 18, 25.308,
105.682

■ 8, 25.308, 105.682

■ 98, 25.308,
105.682

■ 98, 25.308,
105.682

■ 97, 37.324,
104.650

■ 99, 13.162,
106.717

■ 96, 49.064,
103.624

■ 100, 0.965,
107.633

■ 96, 60.308,
102.630

■ 100, 0.092,
206.598

■ 95, 70.703,
101.693

■ 95, 79.737,
100.844

■ 94, 86.751,
100.110

■ 94, 91.126, 99.511

■ 93, 92.866, 99.063

Harmonies

Complementary

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



98, 25.308, 105.682



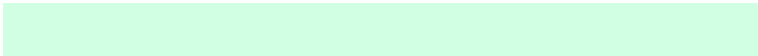
84, 26.421, 290.306

Rectangle

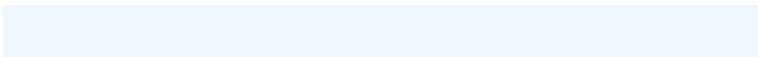
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 25.308, 105.682



98, 25.308, 155.682



98, 25.308, 285.682



98, 25.308, 335.682

Sweetspot

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



98, 25.310, 105.687



99, 7.315, 107.201



86, 20.026, 15.703



53, 4.853, 107.136



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

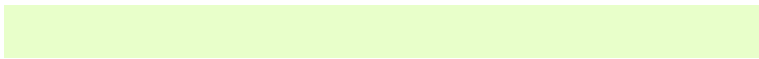
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 25.310, 105.687



98, 30.404, 105.251



97, 28.176, 125.693



53, 6.934, 106.849



72, 74.909, 99.132



25, 33.988, 99.783

Inverse Universe

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



84, 26.421, 290.306



80, 32.049, 290.917



85, 29.121, 307.782



49, 7.074, 288.859



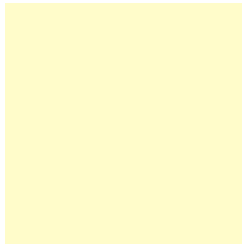
24, 105.271, 305.638



4, 42.335, 300.793

Previews

White Background



This preview shows how the CIE LCh color 98, 25.308, 105.682 looks on a white background.

Color Contrast Check

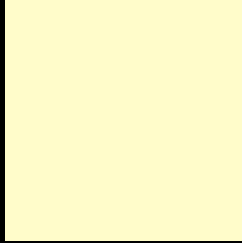
Large Text (above 18pt) WCAG AA × Fail

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, 25.308, 105.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

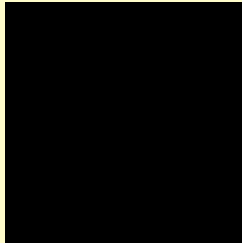
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 25.308, 105.682

Background



This preview shows how black text looks on a background with the CIELCh color 98, 25.308, 105.682.

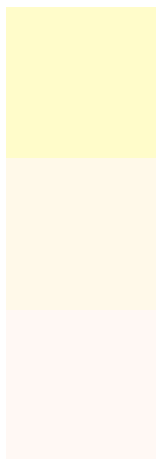


This preview shows how white text looks on a background with the CIELCh color 98, 25.308, 105.682.

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, 25.308, 105.682

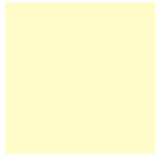
Protanopia
98, 8.400, 94.603

Deuteranopia
98, 3.192, 58.882



Tritanopia
98, 4.981, 324.553

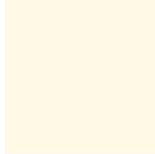
Trichromacy



Original Color
98, 25.308, 105.682



Protanomaly
98, 14.324, 101.728



Deuteranomaly
98, 10.382, 97.276

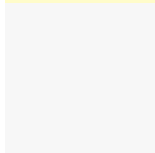


Tritanomaly
98, 6.933, 91.542

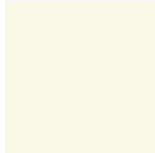
Monochromacy



Original Color
98, 25.308, 105.682



Achromatopsia
97, 0.011, 296.813



Achromatomaly
98, 9.156, 107.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 25.308, 105.682 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(255, 252, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 202)  
}
```

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(255, 252, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 25.308, 105.682 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(255, 252, 202) }
```

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

```
.border{ border-color:rgb(255, 252, 202) }
```

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

Here you see how a box with a 4 pixel rgb(255, 252, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 25.308, 105.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 202) }
```

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

```
.background{ background-color: rgb(255,  
252, 202) }
```

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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