

Converting Colors

CIELCh(98, 27.269, 106.403)

Have a look what the booklet for
CIELCh(98, 27.269, 106.403)
contains.

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Color

CIElCh(98, 27.299, 106.497)

Conversions

Conversions Part 1

Format	Color
Hex	FEFCC6
RGB	254, 252, 198
RGB Percent	100%, 99%, 78%
CMY	0.0032, 0.0111, 0.2229
CMYK	0.00, 0.01, 0.22, 0.00
HSL	58°, 97%, 89%
HSV	58°, 22%, 100%
XYZ	86.0124, 94.9163, 67.3130
YIQ	246.4420, 18.5260, -16.3700

Conversions

Conversions Part 2

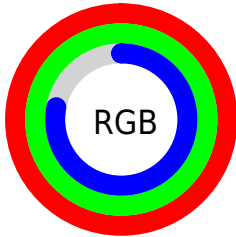
Format	Color
R _Y B	200, 254, 198
Decimal	16710854
CIE Lab	98.00, -7.75, 26.18
CIE LCh	98, 27.299, 106.497
Yxy	94.9163, 0.3465, 0.3824
Android (android.graphics.Color)	4294900934 (0xFFFEFCC6)
YUV	246.4420, -23.8819, 6.6284
Hunter-Lab	97.4250, -12.9036, 27.2327

Details

The CIELCh color **98, 27.299, 106.497** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 28.648, 291.344**, 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, 26.998, 105.955** is the 20% darker color. If you saturate the color by 10%, you get **97, 39.485, 105.490**, and if you desaturate by 10%, it is **99, 14.947, 107.513**.

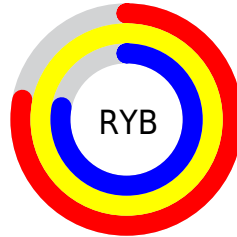
Distribution



Red (100%)

Green (99%)

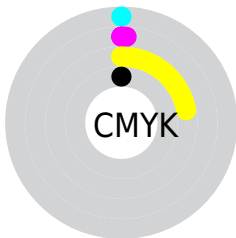
Blue (78%)



Red (78%)

Yellow (100%)

Blue (78%)

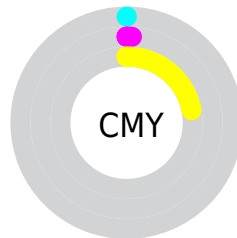


Cyan (0%)

Magenta (1%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (1%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 27.299, 106.497 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, 27.299, 106.497 by changing the saturation by 10% instead.


 98, 27.299,
106.497


 98, 27.299,
106.497

 100, 27.299,
106.497


 88, 27.299,
106.497

 78, 27.299,
106.497

 68, 27.299,
106.497

 58, 27.299,
106.497

 48, 27.299,
106.497

 38, 27.299,
106.497

 28, 27.299,

106.497

■ 18, 27.299,
106.497

■ 8, 27.299, 106.497

■ 98, 27.299,
106.497

■ 98, 27.299,
106.497

■ 97, 39.485,
105.490

■ 99, 14.947,
107.513

■ 97, 51.344,
104.497

■ 100, 2.520,
108.484

■ 96, 62.636,
103.547

■ 100, 0.258,
213.959

■ 96, 72.986,
102.668

■ 100, 0.287,
201.698

■ 95, 81.858,
101.895

■ 95, 88.602,
101.261

■ 95, 92.662,
100.788

■ 95, 94.120,
100.510

Harmonies

Complementary

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



98, 27.299, 106.497



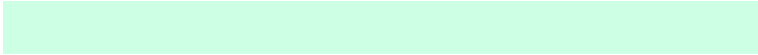
82, 28.648, 291.344

Rectangle

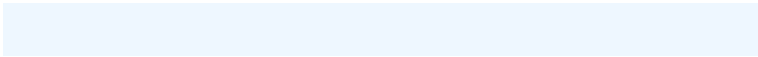
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 27.299, 106.497



98, 27.299, 156.497



98, 27.299, 286.497



98, 27.299, 336.497

Sweetspot

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



98, 27.301, 106.502



99, 8.718, 108.015



85, 21.268, 17.149



53, 5.665, 107.955



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

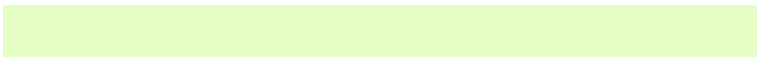
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 27.301, 106.502



98, 32.244, 106.099



97, 29.900, 126.245



53, 7.081, 107.766



73, 76.029, 100.551



25, 34.548, 101.007

Inverse Universe

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



82, 28.648, 291.344



79, 34.169, 291.925



84, 30.932, 308.423



49, 7.231, 289.743



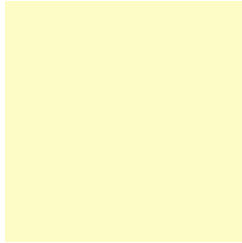
23, 106.183, 305.877



4, 42.997, 301.164

Previews

White Background



This preview shows how the CIE LCh color 98, 27.299, 106.497 looks on a white background.

Color Contrast Check

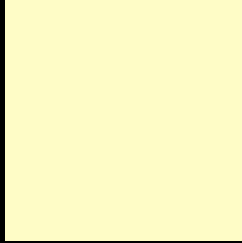
Large Text (above 18pt) WCAG AA × Fail

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, 27.299, 106.497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

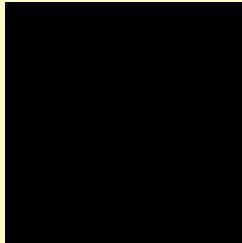
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 27.299, 106.497

Background



This preview shows how black text looks on a background with the CIELCh color 98, 27.299, 106.497.

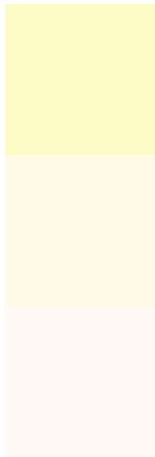


This preview shows how white text looks on a background with the CIELCh color 98, 27.299, 106.497.

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, 27.299, 106.497

Protanopia
98, 8.893, 95.390

Deuteranopia
98, 3.192, 58.882



Tritanopia
98, 4.981, 324.553

Trichromacy



Original Color
98, 27.299, 106.497

Protanomaly
98, 15.330, 102.116

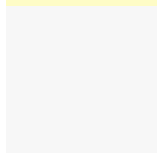
Deuteranomaly
98, 11.810, 100.410

Tritanomaly
98, 7.909, 93.714

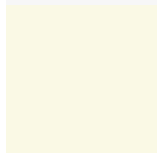
Monochromacy



Original Color
98, 27.299, 106.497



Achromatopsia
97, 0.011, 296.813



Achromatomaly
98, 10.172, 107.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 27.299, 106.497 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(254, 252, 198)` looks like.

```
.text, #text, p{  
    color:rgb(254, 252, 198)  
}
```

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(254, 252, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 252, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 27.299, 106.497 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(254, 252, 198) }
```

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

```
.border{ border-color:rgb(254, 252, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 252, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 252, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 252, 198);  
box-shadow:4px 4px 4px 4px rgb(254, 252,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 27.299, 106.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 252, 198) }
```

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

```
.background{ background-color: rgb(254,  
252, 198) }
```

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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