

Converting Colors

CIELCh(98, 36.452, 106.644)

Have a look what the booklet for
CIELCh(98, 36.452, 106.644)
contains.

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Color

CIElCh(98, 36.219, 106.790)

Conversions

Conversions Part 1

Format	Color
Hex	FEFDB5
RGB	254, 253, 181
RGB Percent	100%, 99%, 71%
CMY	0.0027, 0.0066, 0.2891
CMYK	0.00, 0.00, 0.29, 0.00
HSL	59°, 98%, 85%
HSV	59°, 29%, 100%
XYZ	84.5743, 94.9163, 57.7329
YIQ	245.0910, 23.7080, -22.1800

Conversions

Conversions Part 2

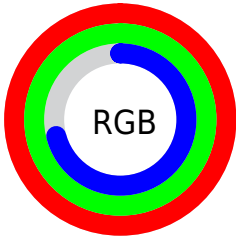
Format	Color
RYB	182, 254, 181
Decimal	16711093
CIELab	98.00, -10.46, 34.67
CIELCh	98, 36.219, 106.790
Yxy	94.9163, 0.3565, 0.4001
Android (android.graphics.Color)	4294901173 (0xFFFEFDB5)
YUV	245.0910, -31.5969, 7.8132
Hunter-Lab	97.4250, -15.5384, 33.0629

Details

The CIELCh color **98, 36.219, 106.790** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76, 38.778, 293.203**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **78, 36.237, 106.803** is the 20% darker color. If you saturate the color by 10%, you get **98, 48.427, 105.821**, and if you desaturate by 10%, it is **99, 23.722, 107.784**.

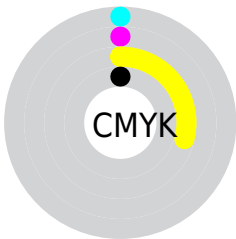
Distribution



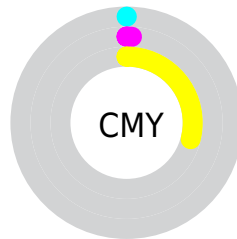
- Red (100%)
- Green (99%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 36.219, 106.790 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, 36.219, 106.790 by changing the saturation by 10% instead.


 98, 36.219,
106.790


 98, 36.219,
106.790


 100, 36.219,
106.790


 88, 36.219,
106.790

 78, 36.219,
106.790

 68, 36.219,
106.790

 58, 36.219,
106.790

 48, 36.219,
106.790

 38, 36.219,
106.790

 28, 36.219,

106.790

■ 18, 36.219,
106.790

■ 8, 36.219, 106.790

■ 98, 36.219,
106.790

■ 98, 36.219,
106.790

■ 98, 48.427,
105.821

■ 99, 23.722,
107.784

■ 97, 60.124,
104.890

■ 99, 11.069,
108.772

■ 97, 70.977,
104.031

100, 0.342,
287.813

■ 97, 80.502,
103.278

100, 0.212,
250.551

■ 96, 88.082,
102.673

100, 0.241,
202.138

■ 96, 93.125,
102.247

■ 96, 95.496,
102.000

■ 96, 95.711,
101.974

Harmonies

Complementary

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



98, 36.219, 106.790



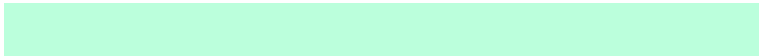
76, 38.778, 293.203

Rectangle

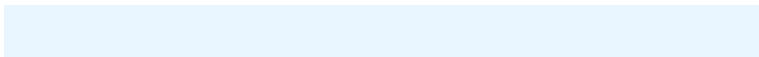
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 36.219, 106.790



98, 36.219, 156.790



98, 36.219, 286.790



98, 36.219, 336.790

Sweetspot

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



98, 36.221, 106.794



99, 11.459, 108.743



81, 28.473, 20.519



53, 7.962, 108.601



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

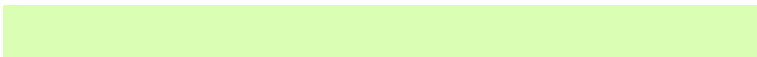
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 36.221, 106.794



98, 42.818, 106.275



96, 39.217, 127.124



53, 7.239, 108.694



74, 77.263, 101.989



26, 35.148, 102.248

Inverse Universe

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



76, 38.778, 293.203



72, 46.546, 294.064



79, 40.900, 309.921



49, 7.399, 290.637



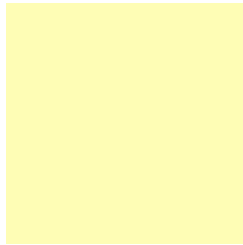
23, 107.162, 306.129



3, 43.694, 301.536

Previews

White Background



This preview shows how the CIE LCh color 98, 36.219, 106.790 looks on a white background.

Color Contrast Check

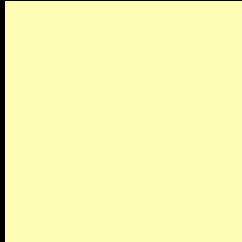
Large Text (above 18pt) WCAG AA × Fail

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, 36.219, 106.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

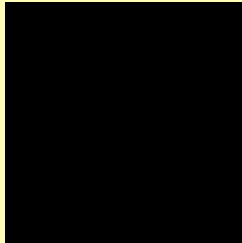
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 36.219, 106.790

Background



This preview shows how black text looks on a background with the CIELCh color 98, 36.219, 106.790.



This preview shows how white text looks on a background with the CIELCh color 98, 36.219, 106.790.

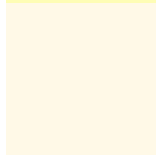
Color Blindness Simulation

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](#).

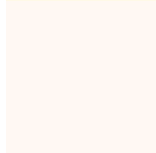
Dichromacy




Original Color
98, 36.219, 106.790



Protanopia
98, 9.388, 96.089



Deuteranopia
98, 3.537, 65.249

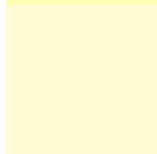


Tritanopia
98, 4.569, 328.153

Trichromacy



Original Color
98, 36.219, 106.790



Protanomaly
98, 19.313, 104.290



Deuteranomaly
98, 14.827, 101.930

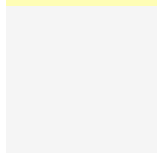


Tritanomaly
98, 10.880, 97.783

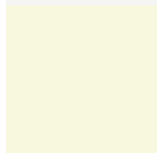
Monochromacy



Original Color
98, 36.219, 106.790



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 13.227, 109.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 36.219, 106.790 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, 253, 181)` looks like.

```
.text, #text, p{  
    color:rgb(254, 253, 181)  
}
```

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, 253, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 253, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 36.219, 106.790 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, 253, 181) }
```

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

```
.border{ border-color:rgb(254, 253, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 253, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 253, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 253, 181);  
box-shadow:4px 4px 4px 4px rgb(254, 253,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 36.219, 106.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 253, 181) }
```

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

```
.background{ background-color: rgb(254,  
253, 181) }
```

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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