

Converting Colors

CIELCh(98, 34.227, 106.933)

Have a look what the booklet for
CIELCh(98, 34.227, 106.933)
contains.

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Color

CIElCh(98, 34.242, 106.911)

Conversions

Conversions Part 1

Format	Color
Hex	FEFDB9
RGB	254, 253, 185
RGB Percent	100%, 99%, 73%
CMY	0.0035, 0.0074, 0.2741
CMYK	0.00, 0.00, 0.27, 0.00
HSL	59°, 97%, 86%
HSV	59°, 27%, 100%
XYZ	84.8394, 94.9163, 59.8047
YIQ	245.5470, 22.4240, -20.9360

Conversions

Conversions Part 2

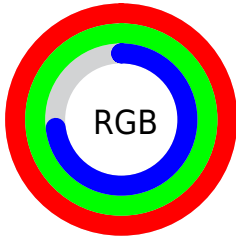
Format	Color
RYB	186, 254, 185
Decimal	16711097
CIELab	98.00, -9.96, 32.76
CIELCh	98, 34.242, 106.911
Yxy	94.9163, 0.3541, 0.3962
Android (android.graphics.Color)	4294901177 (0xFFFEFDB9)
YUV	245.5470, -29.8497, 7.4133
Hunter-Lab	97.4250, -15.0527, 31.8021

Details

The CIELCh color **98, 34.242, 106.911** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78, 36.501, 292.934**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 7.086, 109.637**, and **78, 34.198, 106.308** is the 20% darker color. If you saturate the color by 10%, you get **98, 46.493, 105.937**, and if you desaturate by 10%, it is **99, 21.730, 107.907**.

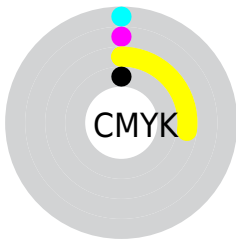
Distribution



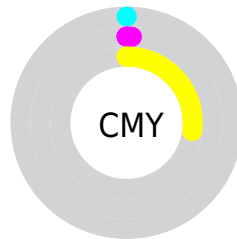
- Red (100%)
- Green (99%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 98, 34.242, 106.911 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, 34.242, 106.911 by changing the saturation by 10% instead.


 98, 34.242,
106.911


 98, 34.242,
106.911


 100, 34.242,
106.911


 88, 34.242,
106.911

 78, 34.242,
106.911

 68, 34.242,
106.911

 58, 34.242,
106.911

 48, 34.242,
106.911

 38, 34.242,
106.911

 28, 34.242,

106.911

■ 18, 34.242,
106.911

■ 8, 34.242, 106.911

■ 98, 34.242,
106.911

■ 98, 34.242,
106.911

■ 98, 46.493,
105.937

■ 99, 21.730,
107.907

■ 97, 58.274,
104.997

■ 99, 9.078, 108.892

■ 97, 69.274,
104.122

100, 0.412,
285.336

■ 96, 79.035,
103.349

100, 0.276,
254.034

100, 0.293,

■ 96, 86.954,
102.716

207.031

■ 96, 92.416,
102.257

100, 0.309,
201.528

■ 96, 95.127,
101.983

■ 96, 95.601,
101.925

Harmonies

Complementary

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



98, 34.242, 106.911



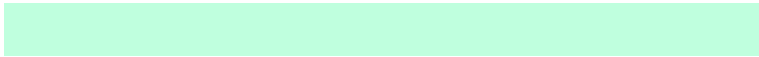
78, 36.501, 292.934

Rectangle

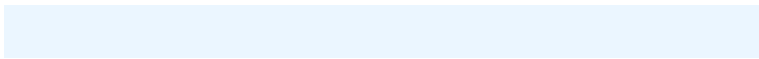
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 34.242, 106.911



98, 34.242, 156.911



98, 34.242, 286.911



98, 34.242, 336.911

Sweetspot

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



98, 34.244, 106.915



99, 10.179, 108.810



82, 26.759, 20.329



53, 7.233, 108.663



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

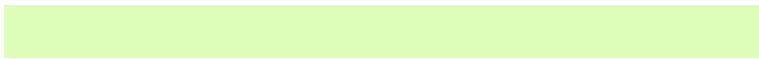
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 34.244, 106.915



98, 41.564, 106.340



96, 37.087, 127.201



53, 7.233, 108.663



74, 77.220, 101.940



26, 35.127, 102.206

Inverse Universe

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



78, 36.501, 292.934



73, 45.043, 293.867



80, 38.583, 309.835



49, 7.393, 290.607



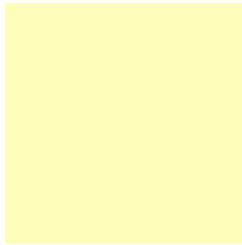
23, 107.128, 306.121



3, 43.670, 301.524

Previews

White Background



This preview shows how the CIE LCh color 98, 34.242, 106.911 looks on a white background.

Color Contrast Check

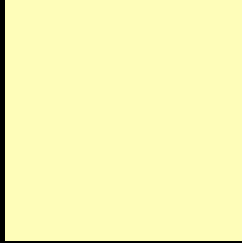
Large Text (above 18pt) WCAG AA × Fail

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, 34.242, 106.911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

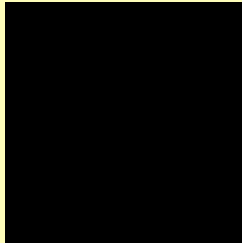
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 34.242, 106.911

Background



This preview shows how black text looks on a background with the CIELCh color 98, 34.242, 106.911.

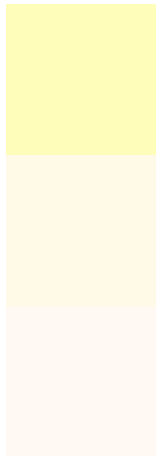


This preview shows how white text looks on a background with the CIELCh color 98, 34.242, 106.911.

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, 34.242, 106.911

Protanopia

98, 9.388, 96.089

Deuteranopia

98, 3.537, 65.249

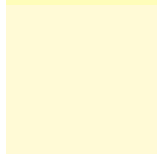


Tritanopia
98, 4.569, 328.153

Trichromacy



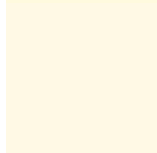
Original Color
98, 34.242, 106.911



Protanomaly
98, 18.351, 102.972



Deuteranomaly
98, 14.324, 101.728

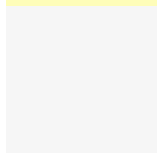


Tritanomaly
98, 10.382, 97.276

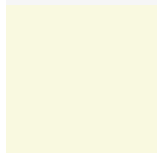
Monochromacy



Original Color
98, 34.242, 106.911



Achromatopsia
97, 0.011, 296.813



Achromatomaly
97, 12.709, 109.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 34.242, 106.911 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(254, 253, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 253, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 34.242, 106.911 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, 185) }
```

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

```
.border{ border-color:rgb(254, 253, 185) }
```

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, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 253, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 253, 185);  
box-shadow:4px 4px 4px 4px rgb(254, 253,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 34.242, 106.911 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, 185) }
```

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

```
.background{ background-color: rgb(254,  
253, 185) }
```

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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