

Converting Colors

CIELCh(97, 49.522, 105.137)

Have a look what the booklet for
CIELCh(97, 49.522, 105.137)
contains.

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Color

CIELCh(97, 49.402, 104.970)

Conversions

Conversions Part 1

Format	Color
Hex	FEFB98
RGB	254, 251, 152
RGB Percent	100%, 98%, 60%
CMY	0.0034, 0.0152, 0.4034
CMYK	0.00, 0.01, 0.40, 0.00
HSL	58°, 98%, 80%
HSV	58°, 40%, 100%
XYZ	81.1352, 92.4403, 43.3239
YIQ	240.6110, 33.5670, -30.1530

Conversions

Conversions Part 2

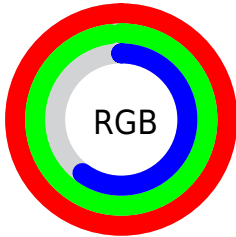
Format	Color
RYB	155, 254, 152
Decimal	16710552
CIELab	97.00, -12.76, 47.73
CIELCh	97, 49.402, 104.970
Yxy	92.4403, 0.3741, 0.4262
Android (android.graphics.Color)	4294900632 (0xFFFEFB98)
YUV	240.6110, -43.6852, 11.7422
Hunter-Lab	96.1459, -17.6235, 40.5857

Details

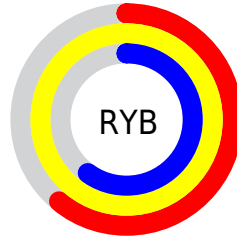
The CIELCh color **97, 49.402, 104.970** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **68, 54.574, 294.560**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 23.732, 108.378**, and **77, 49.585, 105.043** is the 20% darker color. If you saturate the color by 10%, you get **97, 60.874, 104.024**, and if you desaturate by 10%, it is **98, 37.410, 105.963**.

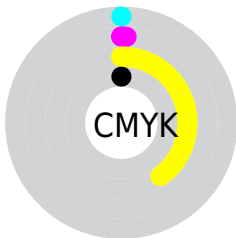
Distribution



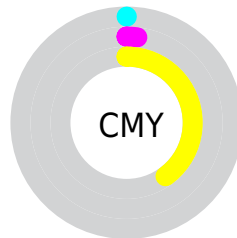
- Red (100%)
- Green (98%)
- Blue (60%)



- Red (61%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (1%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 49.402, 104.970 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 97, 49.402, 104.970 by changing the saturation by 10% instead.


 97, 49.402,
104.970

 97, 49.402,
104.970

 100, 49.402,
104.970


 87, 49.402,
104.970

 77, 49.402,
104.970

 67, 49.402,
104.970

 57, 49.402,
104.970

 47, 49.402,
104.970

 37, 49.402,
104.970

 27, 49.402,

104.970

■ 17, 49.402,
104.970

■ 7, 49.402, 104.970

■ 97, 49.402,
104.970

■ 97, 49.402,
104.970

■ 97, 60.874,
104.024

■ 98, 37.410,
105.963

■ 96, 71.473,
103.143

■ 98, 25.119,
106.969

■ 96, 80.696,
102.365

■ 99, 12.673,
107.972

■ 95, 87.905,
101.726

■ 100, 0.163,
108.417

■ 95, 92.513,
101.252

100, 0.266,
216.706

■ 95, 94.545,
100.934

100, 0.302,
201.582

Harmonies

Complementary

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



97, 49.402, 104.970



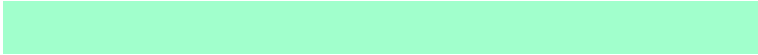
68, 54.574, 294.560

Rectangle

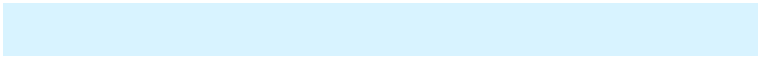
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 49.402, 104.970



97, 49.402, 154.970



97, 49.402, 284.970



97, 49.402, 334.970

Sweetspot

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



97, 49.404, 104.973



99, 15.037, 107.787



74, 41.230, 20.935



53, 9.972, 107.656



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

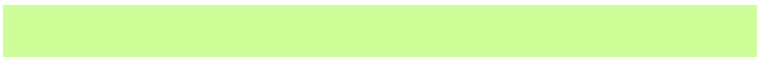
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 49.404, 104.973



97, 58.640, 104.221



94, 54.195, 125.962



53, 7.126, 108.035



74, 76.376, 100.968



25, 34.718, 101.367

Inverse Universe

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



68, 54.574, 294.560



62, 66.542, 296.116



71, 57.742, 310.037



49, 7.278, 290.003



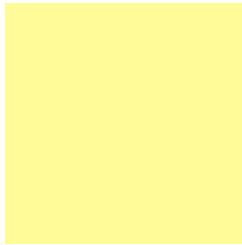
23, 106.460, 305.949



4, 43.196, 301.272

Previews

White Background



This preview shows how the CIE LCh color 97, 49.402, 104.970 looks on a white background.

Color Contrast Check

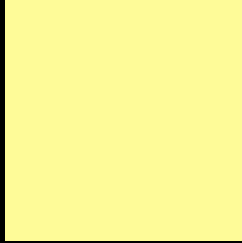
Large Text (above 18pt) WCAG AA × Fail

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 97, 49.402, 104.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

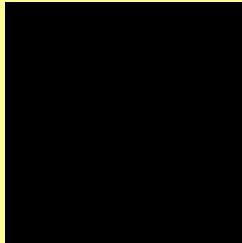
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 49.402, 104.970

Background



This preview shows how black text looks on a background with the CIELCh color 97, 49.402, 104.970.

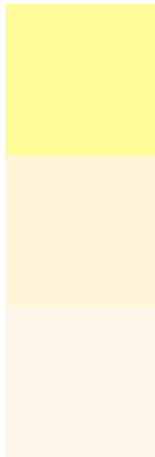


This preview shows how white text looks on a background with the CIELCh color 97, 49.402, 104.970.

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
97, 49.402, 104.970

Protanopia
97, 15.122, 96.315

Deuteranopia
97, 6.218, 74.387

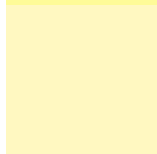


Tritanopia
97, 5.909, 335.926

Trichromacy



Original Color
97, 49.402, 104.970



Protanomaly
97, 27.992, 102.538



Deuteranomaly
97, 21.543, 100.496

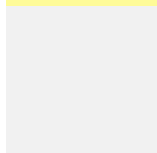


Tritanomaly
97, 16.117, 96.999

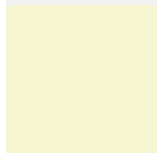
Monochromacy



Original Color
97, 49.402, 104.970



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 18.339, 107.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 49.402, 104.970 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, 251, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 251, 152)  
}
```

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, 251, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 251, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 49.402, 104.970 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, 251, 152) }
```

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

```
.border{ border-color:rgb(254, 251, 152) }
```

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

Here you see how a box with a 4 pixel rgb(254, 251, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 251, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 251, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 251,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 49.402, 104.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 251, 152) }
```

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

```
.background{ background-color: rgb(254,  
251, 152) }
```

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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