

Converting Colors

CIELCh(97, 13.414, 99.697)

Have a look what the booklet for
CIELCh(97, 13.414, 99.697) contains.

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Color

CIELCh(97, 13.402, 99.693)

Conversions

Conversions Part 1

Format	Color
Hex	FDF7DD
RGB	253, 247, 221
RGB Percent	99%, 97%, 87%
CMY	0.0087, 0.0322, 0.1342
CMYK	0.00, 0.02, 0.13, 0.01
HSL	49°, 88%, 93%
HSV	49°, 13%, 99%
XYZ	86.6463, 92.4403, 81.5340
YIQ	245.8300, 11.9220, -6.8140

Conversions

Conversions Part 2

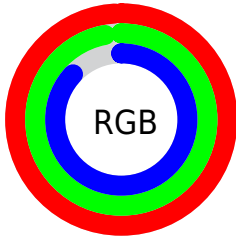
Format	Color
R _Y B	228, 253, 221
Decimal	16644061
CIE Lab	97.00, -2.26, 13.21
CIE LCh	97, 13.402, 99.693
Yxy	92.4403, 0.3325, 0.3547
Android (android.graphics.Color)	4294834141 (0xFFFD7DD)
YUV	245.8300, -12.2412, 6.2881
Hunter-Lab	96.1459, -7.3919, 17.0228

Details

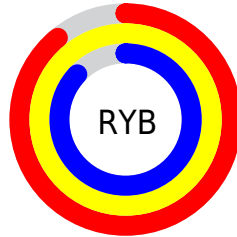
The CIELCh color **97, 13.402, 99.693** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 13.615, 282.720**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 13.478, 100.634** is the 20% darker color. If you saturate the color by 10%, you get **95, 24.065, 98.532**, and if you desaturate by 10%, it is **99, 2.794, 100.793**.

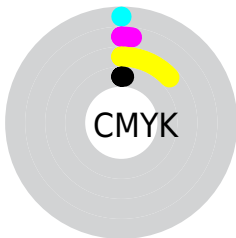
Distribution



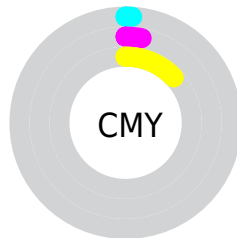
- Red (99%)
- Green (97%)
- Blue (87%)



- Red (89%)
- Yellow (99%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (1%)



- Cyan (1%)
- Magenta (3%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 13.402, 99.693 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, 13.402, 99.693 by changing the saturation by 10% instead.

 97, 13.402, 99.693

 97, 13.402, 99.693

 100, 13.402,
99.693

 87, 13.402, 99.693

 77, 13.402, 99.693

 67, 13.402, 99.693

 57, 13.402, 99.693

 47, 13.402, 99.693

 37, 13.402, 99.693

 27, 13.402, 99.693

 17, 13.402, 99.693

 7, 13.402, 99.693

97, 13.402, 99.693

97, 13.402, 99.693

95, 24.065, 98.532

99, 2.794, 100.793

94, 34.720, 97.332

100, 0.770,
200.217

92, 45.258, 96.111

91, 55.490, 94.879

89, 65.094, 93.639

88, 73.551, 92.387

86, 80.125, 91.103

85, 84.034, 89.736

84, 85.241, 88.655

Harmonies

Complementary

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



97, 13.402, 99.693



90, 13.615, 282.720

Rectangle

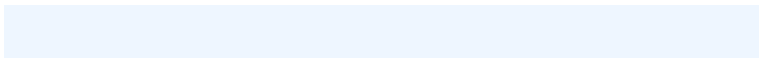
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 13.402, 99.693



97, 13.402, 149.693



97, 13.402, 279.693



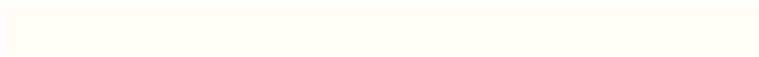
97, 13.402, 329.693

Sweetspot

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



97, 13.404, 99.702



99, 4.245, 100.664



91, 12.101, 4.430



53, 3.019, 100.585



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

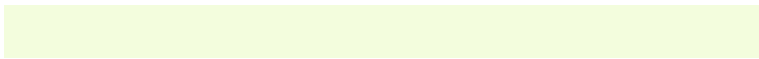
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 13.404, 99.702



97, 16.012, 99.431



98, 16.628, 121.074



52, 6.056, 100.061



66, 69.217, 88.928



22, 30.748, 90.872

Inverse Universe

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



90, 13.615, 282.720



89, 16.307, 283.041



90, 17.043, 302.575



49, 6.132, 282.309



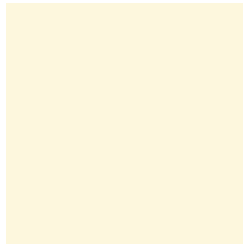
27, 95.727, 302.901



6, 38.111, 297.971

Previews

White Background



This preview shows how the CIE LCh color 97, 13.402, 99.693 looks on a white background.

Color Contrast Check

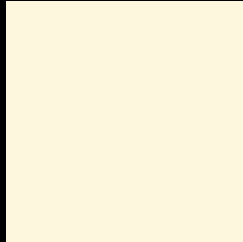
Large Text (above 18pt) WCAG AA × Fail

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, 13.402, 99.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

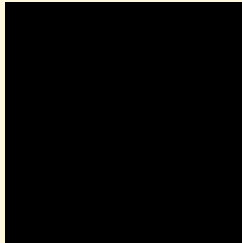
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 13.402, 99.693

Background



This preview shows how black text looks on a background with the CIELCh color 97, 13.402, 99.693.



This preview shows how white text looks on a background with the CIELCh color 97, 13.402, 99.693.

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, 13.402, 99.693

Protanopia

97, 11.173, 92.222

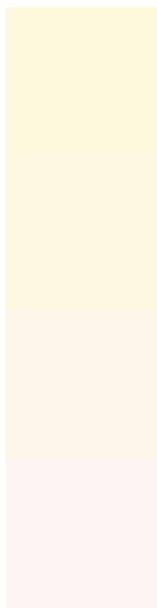
Deuteranopia

97, 4.197, 40.844



Tritanopia
97, 7.283, 322.376

Trichromacy



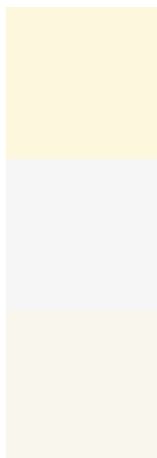
Original Color
97, 13.402, 99.693

Protanomaly
97, 12.060, 95.202

Deuteranomaly
97, 6.455, 79.576

Tritanomaly
97, 3.584, 27.632

Monochromacy



Original Color
97, 13.402, 99.693

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.631, 100.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 13.402, 99.693 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(253, 247, 221)` looks like.

```
.text, #text, p{  
    color:rgb(253, 247, 221)  
}
```

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(253, 247, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 247, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 13.402, 99.693 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(253, 247, 221) }
```

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

```
.border{ border-color:rgb(253, 247, 221) }
```

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

Here you see how a box with a 4 pixel rgb(253, 247, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 247, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 247, 221);  
box-shadow:4px 4px 4px 4px rgb(253, 247,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 13.402, 99.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 247, 221) }
```

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

```
.background{ background-color: rgb(253,  
247, 221) }
```

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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