

Converting Colors

CIE LCh(97, 16.102, 99.758)

Have a look what the booklet for
CIELCh(97, 16.102, 99.758) contains.

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Color

CIELCh(97, 15.970, 99.622)

Conversions

Conversions Part 1

Format	Color
Hex	FEF7D8
RGB	254, 247, 216
RGB Percent	100%, 97%, 85%
CMY	0.0044, 0.0319, 0.1534
CMYK	0.00, 0.03, 0.15, 0.00
HSL	49°, 94%, 92%
HSV	49°, 15%, 100%
XYZ	86.4251, 92.4403, 78.1678
YIQ	245.5590, 14.1230, -8.1570

Conversions

Conversions Part 2

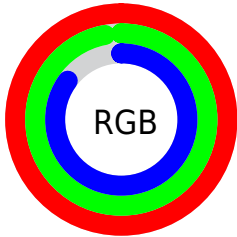
Format	Color
R_{YB}	225, 254, 216
Decimal	16709592
CIE _{Lab}	97.00, -2.67, 15.75
CIE _{LCh}	97, 15.970, 99.622
Yxy	92.4403, 0.3362, 0.3596
Android (android.graphics.Color)	4294899672 (0xFFFEF7D8)
YUV	245.5590, -14.5726, 7.4028
Hunter-Lab	96.1459, -7.8025, 19.0986

Details

The CIELCh color **97, 15.970, 99.622** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 16.271, 283.221**, 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, 16.169, 100.299** is the 20% darker color. If you saturate the color by 10%, you get **95, 26.707, 98.455**, and if you desaturate by 10%, it is **99, 5.275, 100.755**.

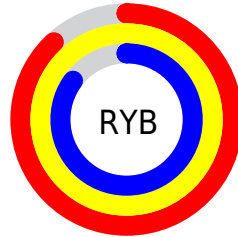
Distribution



Red (100%)

Green (97%)

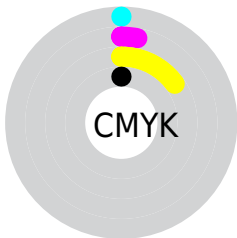
Blue (85%)



Red (88%)

Yellow (100%)

Blue (85%)

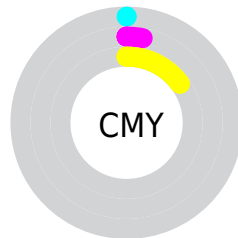


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 15.970, 99.622 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, 15.970, 99.622 by changing the saturation by 10% instead.

 97, 15.970, 99.622

 97, 15.970, 99.622

 100, 15.970,
99.622

 87, 15.970, 99.622

 77, 15.970, 99.622

 67, 15.970, 99.622

 57, 15.970, 99.622

 47, 15.970, 99.622

 37, 15.970, 99.622

 27, 15.970, 99.622

 17, 15.970, 99.622

 7, 15.970, 99.622

97, 15.970, 99.622

97, 15.970, 99.622

95, 26.707, 98.455

99, 5.275, 100.755

94, 37.411, 97.253

100, 0.392,
201.070

92, 47.959, 96.034

91, 58.131, 94.805

89, 67.563, 93.572

88, 75.681, 92.326

87, 81.712, 91.043

85, 84.925, 89.669

85, 85.652, 88.937

Harmonies

Complementary

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



97, 15.970, 99.622



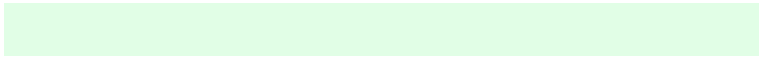
89, 16.271, 283.221

Rectangle

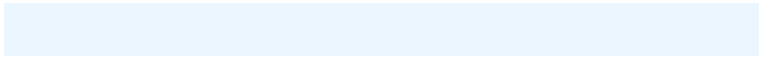
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 15.970, 99.622



97, 15.970, 149.622



97, 15.970, 279.622



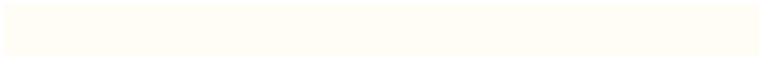
97, 15.970, 329.622

Sweetspot

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



97, 15.972, 99.630



99, 4.260, 100.855



90, 14.446, 4.691



53, 3.029, 100.777



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, 15.972, 99.630



97, 19.296, 99.277



98, 19.726, 120.937



52, 6.076, 100.255



66, 69.326, 89.207



22, 30.821, 91.121

Inverse Universe

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



89, 16.271, 283.221



87, 19.730, 283.655



88, 20.306, 302.732



49, 6.154, 282.496



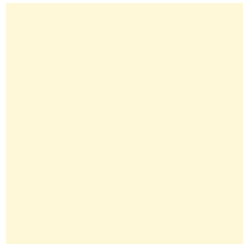
27, 96.044, 303.000



6, 38.226, 298.060

Previews

White Background



This preview shows how the CIELCh color 97, 15.970, 99.622 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, 15.970, 99.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

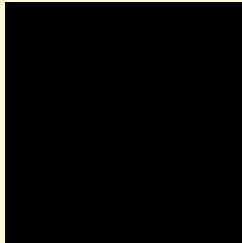
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 15.970, 99.622

Background



This preview shows how black text looks on a background with the CIELCh color 97, 15.970, 99.622.



This preview shows how white text looks on a background with the CIELCh color 97, 15.970, 99.622.

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, 15.970, 99.622

Protanopia

97, 11.663, 92.897

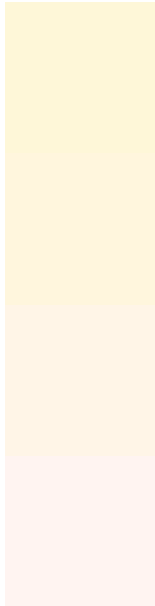
Deuteranopia

97, 4.410, 47.004



Tritanopia
97, 7.476, 324.660

Trichromacy



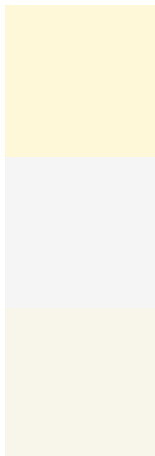
Original Color
97, 15.970, 99.622

Protanomaly
97, 13.139, 94.601

Deuteranomaly
97, 7.982, 82.625

Tritanomaly
97, 4.197, 40.844

Monochromacy



Original Color
97, 15.970, 99.622

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 6.149, 102.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 15.970, 99.622 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, 247, 216)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 216)  
}
```

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, 247, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 15.970, 99.622 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, 247, 216) }
```

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

```
.border{ border-color:rgb(254, 247, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 247, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 216);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 15.970, 99.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 216) }
```

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

```
.background{ background-color: rgb(254,  
247, 216) }
```

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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