

Converting Colors

CIELCh(97, 4.131, 71.041)

Have a look what the booklet for
CIELCh(97, 4.131, 71.041) contains.

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Color

CIELCh(97, 3.928, 70.419)

Conversions

Conversions Part 1

Format	Color
Hex	FCF5EF
RGB	252, 245, 239
RGB Percent	99%, 96%, 94%
CMY	0.0108, 0.0382, 0.0618
CMYK	0.00, 0.03, 0.05, 0.01
HSL	28°, 70%, 96%
HSV	28°, 5%, 99%
XYZ	88.5761, 92.4403, 95.0243
YIQ	246.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

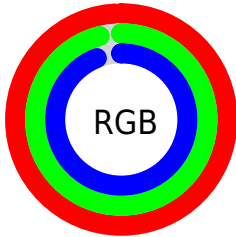
Format	Color
R _Y B	252, 250, 239
Decimal	16578031
CIE Lab	97.00, 1.32, 3.70
CIE LCh	97, 3.928, 70.419
Yxy	92.4403, 0.3209, 0.3349
Android (android.graphics.Color)	4294768111 (0xFFFCF5EF)
YUV	246.4090, -3.6526, 8.9033
Hunter-Lab	96.1459, -3.8091, 8.7038

Details

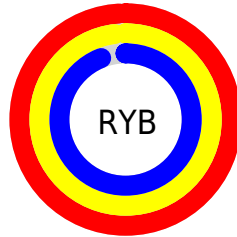
The CIELCh color **97, 3.928, 70.419** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 3.881, 251.925**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.906, 74.587** is the 20% darker color. If you saturate the color by 10%, you get **93, 11.871, 69.359**, and if you desaturate by 10%, it is **100, 0.957, 200.037**.

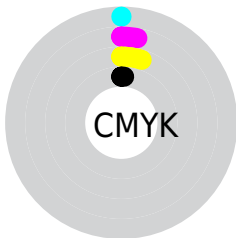
Distribution



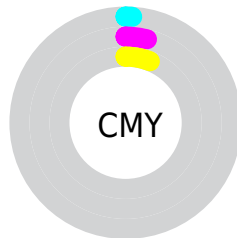
- Red (99%)
- Green (96%)
- Blue (94%)



- Red (99%)
- Yellow (98%)
- Blue (94%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (1%)




- Cyan (1%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.928, 70.419 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, 3.928, 70.419 by changing the saturation by 10% instead.

 97, 3.928, 70.419	 97, 3.928, 70.419
 100, 3.928, 70.419	 87, 3.928, 70.419
	 77, 3.928, 70.419
	 67, 3.928, 70.419
	 57, 3.928, 70.419
	 47, 3.928, 70.419
	 37, 3.928, 70.419
	 27, 3.928, 70.419
	 17, 3.928, 70.419
	 7, 3.928, 70.419

97, 3.928, 70.419

97, 3.928, 70.419

93, 11.871, 69.359

100, 0.957,
200.037

89, 20.248, 68.190

85, 29.088, 67.013

82, 38.393, 65.841

78, 48.114, 64.667

75, 58.095, 63.462

72, 67.964, 62.134

69, 76.964, 60.480

66, 83.853, 58.126

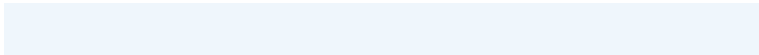
Harmonies

Complementary

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



97, 3.928, 70.419



97, 3.881, 251.925

Rectangle

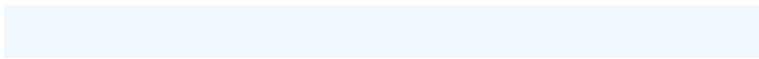
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 3.928, 70.419



97, 3.928, 120.419



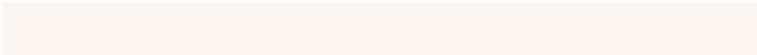
97, 3.928, 250.419



97, 3.928, 300.419

Sweetspot

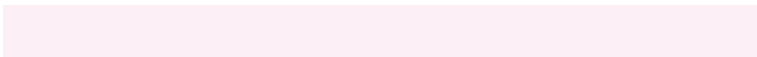
The Sweet Spot groups the original color and five complimentary colors.



97, 3.929, 70.458



99, 1.521, 70.633



96, 5.906, 341.381



53, 0.864, 70.628



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

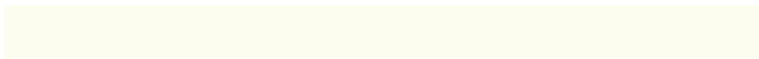
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 3.929, 70.458



98, 4.625, 70.376



99, 6.269, 107.572



51, 3.023, 70.311



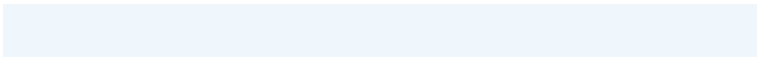
49, 69.164, 57.500



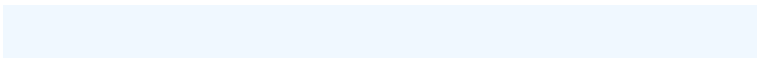
15, 25.902, 57.821

Inverse Universe

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



97, 3.881, 251.925



97, 4.554, 252.017



95, 6.353, 288.656



51, 2.969, 252.090



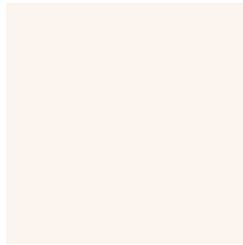
43, 53.385, 280.141



12, 21.443, 272.935

Previews

White Background



This preview shows how the CIE LCh color 97, 3.928, 70.419 looks on a white background.

Color Contrast Check

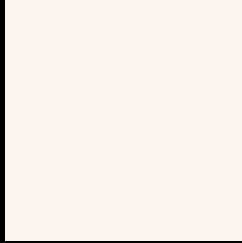
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 3.928, 70.419 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, 3.928, 70.419

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.928, 70.419.

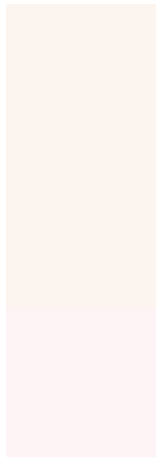


This preview shows how white text looks on a background with the CIELCh color 97, 3.928, 70.419.

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, 3.928, 70.419

Protanopia

97, 3.928, 70.419

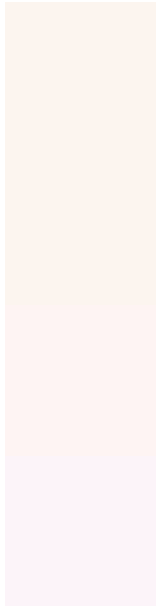
Deuteranopia

97, 3.938, 12.069



Tritanopia
97, 6.317, 316.737

Trichromacy



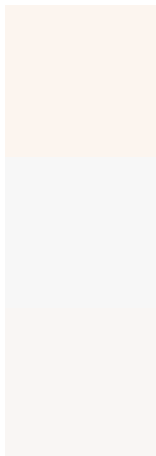
Original Color
97, 3.928, 70.419

Protanomaly
97, 3.928, 70.419

Deuteranomaly
97, 3.584, 27.632

Tritanomaly
97, 3.828, 337.605

Monochromacy



Original Color
97, 3.928, 70.419

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.456, 63.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.928, 70.419 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(252, 245, 239)` looks like.

```
.text, #text, p{  
    color:rgb(252, 245, 239)  
}
```

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(252, 245, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 245, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.928, 70.419 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(252, 245, 239) }
```

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

```
.border{ border-color:rgb(252, 245, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 245, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 245, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 245, 239);  
box-shadow:4px 4px 4px 4px rgb(252, 245,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.928, 70.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 245, 239) }
```

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

```
.background{ background-color: rgb(252,  
245, 239) }
```

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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