

Converting Colors

CIELCh(97, 2.596, 41.082)

Have a look what the booklet for
CIELCh(97, 2.596, 41.082) contains.

CIELCh(97, 2.672, 41.734)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(97, 2.672, 41.734)

Conversions

Conversions Part 1

Format	Color
Hex	FCF5F3
RGB	252, 245, 243
RGB Percent	99%, 96%, 95%
CMY	0.0119, 0.0393, 0.0472
CMYK	0.00, 0.03, 0.04, 0.01
HSL	13°, 60%, 97%
HSV	13°, 4%, 99%
XYZ	88.9452, 92.4403, 97.9202
YIQ	246.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

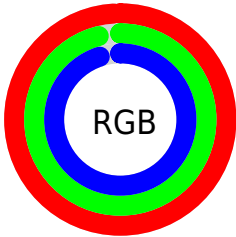
Format	Color
R _Y B	252, 246, 243
Decimal	16578035
CIE Lab	97.00, 1.99, 1.78
CIE LCh	97, 2.672, 41.734
Yxy	92.4403, 0.3185, 0.3310
Android (android.graphics.Color)	4294768115 (0xFFFCF5F3)
YUV	246.8650, -1.9054, 4.5034
Hunter-Lab	96.1459, -3.1237, 6.9180

Details

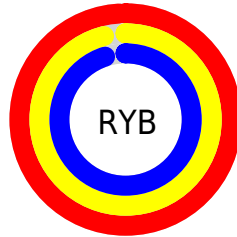
The CIELCh color **97, 2.672, 41.734** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 2.620, 222.510**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 2.469, 45.030** is the 20% darker color. If you saturate the color by 10%, you get **92, 10.578, 41.701**, and if you desaturate by 10%, it is **100, 1.055, 199.967**.

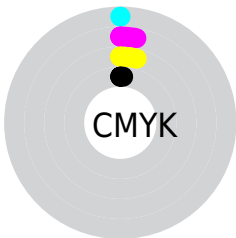
Distribution



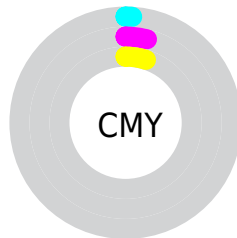
- Red (99%)
- Green (96%)
- Blue (95%)



- Red (99%)
- Yellow (96%)
- Blue (95%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (1%)









- Cyan (1%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 2.672, 41.734 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, 2.672, 41.734 by changing the saturation by 10% instead.

 97, 2.672, 41.734	 97, 2.672, 41.734
 100, 2.672, 41.734	 87, 2.672, 41.734
	 77, 2.672, 41.734
	 67, 2.672, 41.734
	 57, 2.672, 41.734
	 47, 2.672, 41.734
	 37, 2.672, 41.734
	 27, 2.672, 41.734
	 17, 2.672, 41.734
	 7, 2.672, 41.734

97, 2.672, 41.734

97, 2.672, 41.734

92, 10.578, 41.701

100, 1.055,
199.967

86, 19.151, 41.561

81, 28.444, 41.537

76, 38.484, 41.676

71, 49.252, 42.011

67, 60.639, 42.556

63, 72.362, 43.265

60, 83.759, 43.941

57, 93.386, 44.069

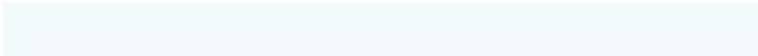
Harmonies

Complementary

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



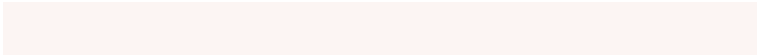
97, 2.672, 41.734



98, 2.620, 222.510

Rectangle

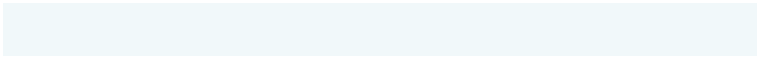
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



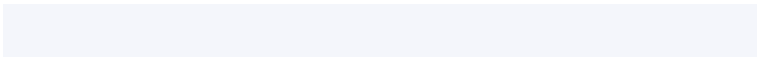
97, 2.672, 41.734



97, 2.672, 91.734



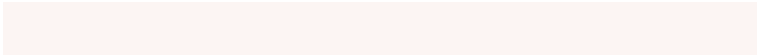
97, 2.672, 221.734



97, 2.672, 271.734

Sweetspot

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



97, 2.671, 41.790



99, 0.745, 41.247



97, 4.828, 331.266



53, 0.424, 41.203



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, 2.671, 41.790



98, 3.026, 41.803



98, 3.386, 94.416



51, 2.122, 41.815



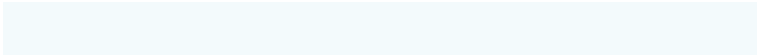
42, 78.394, 44.204



11, 28.401, 37.911

Inverse Universe

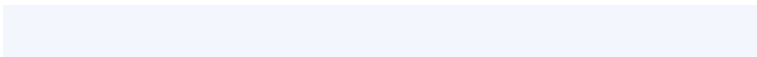
The Inverse Universe completely reimagines the original color for something new.



98, 2.620, 222.510



99, 2.960, 222.500



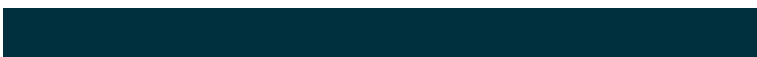
97, 3.410, 275.427



51, 2.065, 222.496



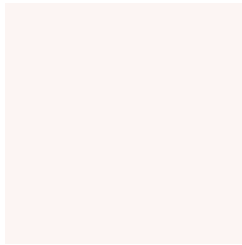
57, 35.558, 240.553



18, 15.815, 234.460

Previews

White Background



This preview shows how the CIE LCh color 97, 2.672, 41.734 looks on a white background.

Color Contrast Check

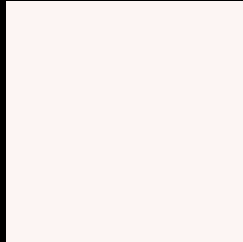
Large Text (above 18pt) WCAG AA × Fail

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, 2.672, 41.734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

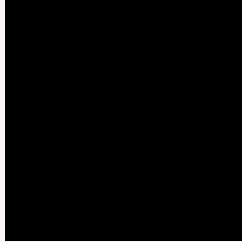
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

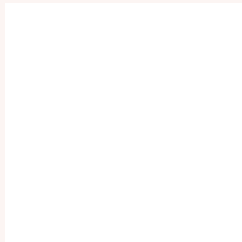
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 2.672, 41.734

Background



This preview shows how black text looks on a background with the CIELCh color 97, 2.672, 41.734.



This preview shows how white text looks on a background with the CIELCh color 97, 2.672, 41.734.

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, 2.672, 41.734

Protanopia

97, 2.346, 45.010

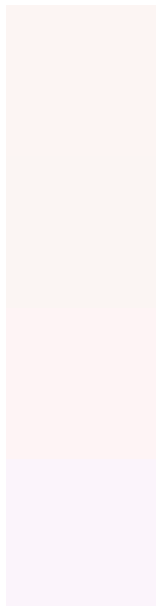
Deuteranopia

97, 4.037, 4.883



Tritanopia
97, 6.168, 313.832

Trichromacy



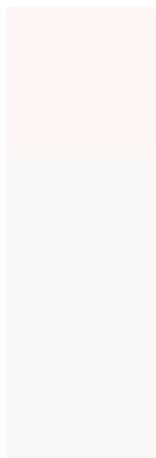
Original Color
97, 2.672, 41.734

Protanomaly
97, 2.346, 45.010

Deuteranomaly
97, 3.585, 11.289

Tritanomaly
97, 4.371, 324.526

Monochromacy



Original Color
97, 2.672, 41.734

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.058, 18.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 2.672, 41.734 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(252, 245, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 245, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 2.672, 41.734 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, 243) }
```

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

```
.border{ border-color:rgb(252, 245, 243) }
```

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, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 245, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 245, 243);  
box-shadow:4px 4px 4px 4px rgb(252, 245,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 2.672, 41.734 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, 243) }
```

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

```
.background{ background-color: rgb(252,  
245, 243) }
```

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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