

Converting Colors

CIELCh(97, 4.523, 39.883)

Have a look what the booklet for
CIELCh(97, 4.523, 39.883) contains.

CIELCh(97, 4.197, 40.844)	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, 4.197, 40.844)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4F1
RGB	255, 244, 241
RGB Percent	100%, 96%, 95%
CMY	0.0000, 0.0425, 0.0543
CMYK	0.00, 0.04, 0.05, 0.00
HSL	13°, 100%, 97%
HSV	13°, 5%, 100%
XYZ	89.5912, 92.4403, 96.4573
YIQ	246.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

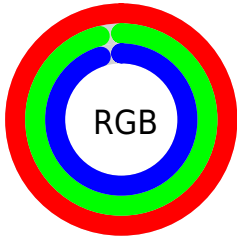
Format	Color
R _Y B	255, 245, 241
Decimal	16774385
CIE Lab	97.00, 3.18, 2.74
CIE LCh	97, 4.197, 40.844
Yxy	92.4403, 0.3217, 0.3319
Android (android.graphics.Color)	4294964465 (0xFFFFF4F1)
YUV	246.9470, -2.9319, 7.0625
Hunter-Lab	96.1459, -1.9245, 7.8201

Details

The CIELCh color **97, 4.197, 40.844** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 4.015, 221.807**, 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, 4.072, 42.749** is the 20% darker color. If you saturate the color by 10%, you get **92, 12.274, 41.033**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

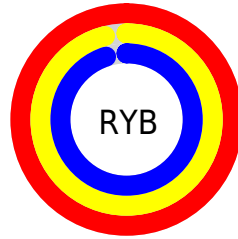
Distribution



Red (100%)

Green (96%)

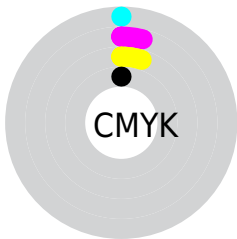
Blue (95%)



Red (100%)

Yellow (96%)

Blue (95%)

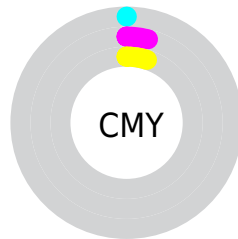


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.197, 40.844 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, 4.197, 40.844 by changing the saturation by 10% instead.

 97, 4.197, 40.844

 97, 4.197, 40.844

 100, 4.197, 40.844

 87, 4.197, 40.844

 77, 4.197, 40.844

 67, 4.197, 40.844

 57, 4.197, 40.844

 47, 4.197, 40.844

 37, 4.197, 40.844

 27, 4.197, 40.844

 17, 4.197, 40.844

 7, 4.197, 40.844

97, 4.197, 40.844

97, 4.197, 40.844

92, 12.274, 41.033

100, 0.012,
296.813

86, 21.091, 40.942

81, 30.647, 40.982

76, 40.961, 41.196

71, 51.998, 41.617

67, 63.623, 42.254

63, 75.495, 43.043

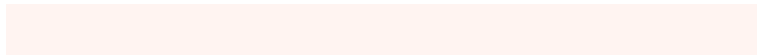
60, 86.830, 43.740

57, 95.963, 43.744

Harmonies

Complementary

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



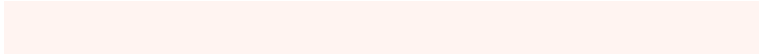
97, 4.197, 40.844



98, 4.015, 221.807

Rectangle

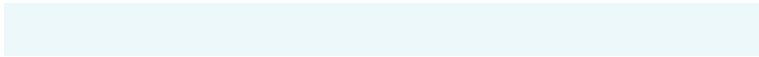
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



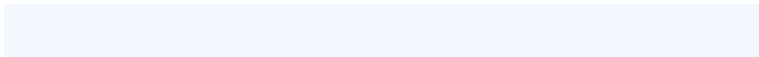
97, 4.197, 40.844



97, 4.197, 90.844



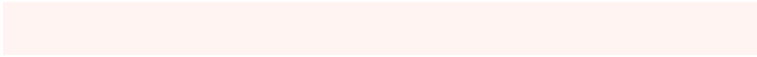
97, 4.197, 220.844



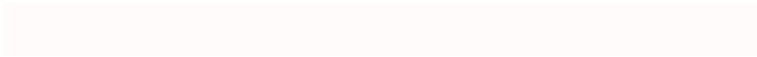
97, 4.197, 270.844

Sweetspot

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



97, 4.145, 41.153



99, 1.504, 40.976



97, 7.420, 331.410



53, 0.855, 40.956



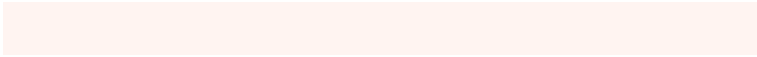
0, 0.000, 0.000



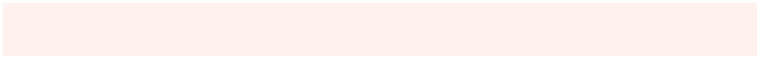
53, 0.007, 296.813

Same Dimension

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



97, 4.145, 41.153



96, 5.378, 41.148



99, 5.213, 94.215



51, 3.503, 41.142



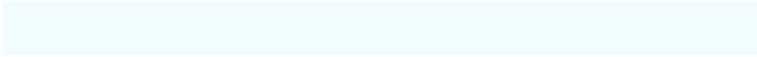
42, 79.411, 43.985



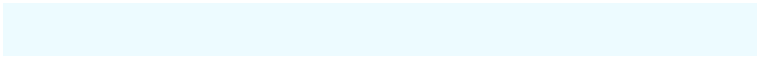
12, 29.731, 38.169

Inverse Universe

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



98, 4.015, 221.807



98, 5.155, 221.834



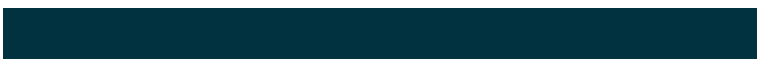
97, 5.241, 275.640



52, 3.345, 221.849



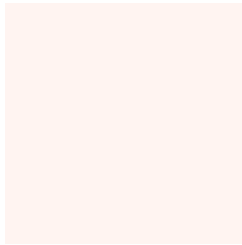
58, 35.766, 239.361



19, 16.219, 233.675

Previews

White Background



This preview shows how the CIELCh color 97, 4.197, 40.844 looks on a white background.

Color Contrast Check

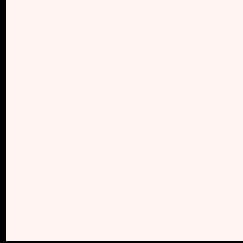
Large Text (above 18pt) WCAG AA × Fail

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, 4.197, 40.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

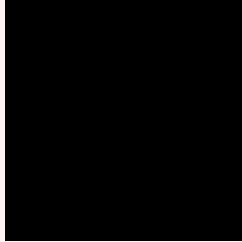
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

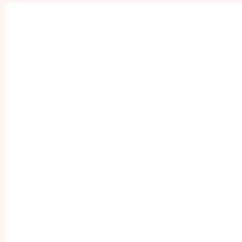
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.197, 40.844

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.197, 40.844.



This preview shows how white text looks on a background with the CIELCh color 97, 4.197, 40.844.

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, 4.197, 40.844

Protanopia

97, 2.903, 51.088

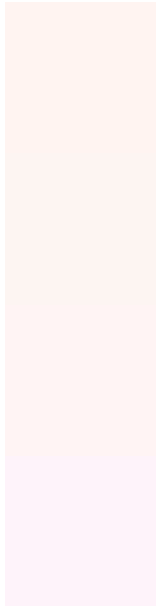
Deuteranopia

97, 3.938, 12.069



Tritanopia
97, 7.103, 319.977

Trichromacy



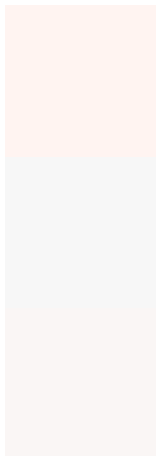
Original Color
97, 4.197, 40.844

Protanomaly
97, 3.214, 47.762

Deuteranomaly
97, 3.905, 19.499

Tritanomaly
97, 5.303, 337.211

Monochromacy



Original Color
97, 4.197, 40.844

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.493, 39.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.197, 40.844 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(255, 244, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 241)  
}
```

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(255, 244, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.197, 40.844 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(255, 244, 241) }
```

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

```
.border{ border-color:rgb(255, 244, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.197, 40.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 241) }
```

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

```
.background{ background-color: rgb(255,  
244, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor