

Converting Colors

CIELCh(97, 3.811, 51.182)

Have a look what the booklet for
CIELCh(97, 3.811, 51.182) contains.

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Color

CIELCh(97, 3.782, 51.998)

Conversions

Conversions Part 1

Format	Color
Hex	FEF5F1
RGB	254, 245, 241
RGB Percent	100%, 96%, 95%
CMY	0.0052, 0.0405, 0.0562
CMYK	0.00, 0.04, 0.05, 0.01
HSL	18°, 83%, 97%
HSV	18°, 5%, 99%
XYZ	89.1279, 92.4403, 96.1032
YIQ	247.2350, 6.6480, 0.6640

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 247, 241
Decimal	16709105
CIE _{Lab}	97.00, 2.33, 2.98
CIE _{LCh}	97, 3.782, 51.998
Yxy	92.4403, 0.3210, 0.3329
Android (android.graphics.Color)	4294899185 (0xFFFEF5F1)
YUV	247.2350, -3.0739, 5.9329
Hunter-Lab	96.1459, -2.7846, 8.0384

Details

The CIELCh color **97, 3.782, 51.998** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **98, 3.689, 233.101**, 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, 3.670, 55.088** is the 20% darker color. If you saturate the color by 10%, you get **92, 11.596, 51.480**, and if you desaturate by 10%, it is **100, 0.464, 200.803**.

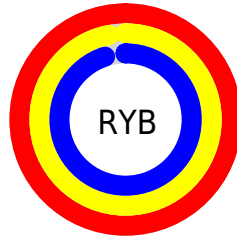
Distribution



Red (100%)

Green (96%)

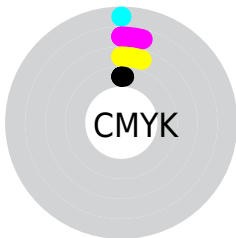
Blue (95%)



Red (100%)

Yellow (97%)

Blue (95%)

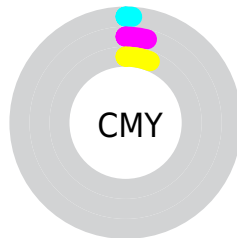


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (1%)



Cyan (1%)

Magenta (4%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.782, 51.998 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, 3.782, 51.998 by changing the saturation by 10% instead.

 97, 3.782, 51.998	 97, 3.782, 51.998
 100, 3.782, 51.998	 87, 3.782, 51.998
	 77, 3.782, 51.998
	 67, 3.782, 51.998
	 57, 3.782, 51.998
	 47, 3.782, 51.998
	 37, 3.782, 51.998
	 27, 3.782, 51.998
	 17, 3.782, 51.998
	 7, 3.782, 51.998

97, 3.782, 51.998

97, 3.782, 51.998

92, 11.596, 51.480

100, 0.464,
200.803

87, 20.018, 50.899

83, 29.101, 50.390

78, 38.872, 49.983

74, 49.314, 49.691

70, 60.312, 49.502

66, 71.551, 49.339

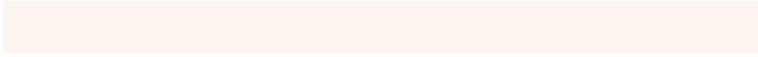
63, 82.294, 48.973

60, 91.066, 47.906

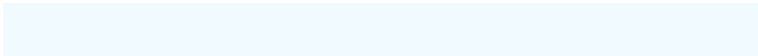
Harmonies

Complementary

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



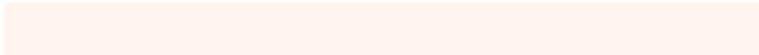
97, 3.782, 51.998



98, 3.689, 233.101

Rectangle

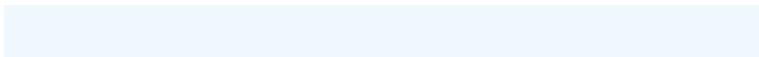
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 3.782, 51.998



97, 3.782, 101.998



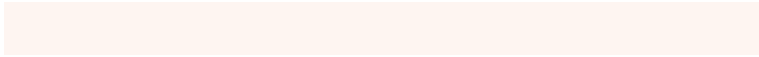
97, 3.782, 231.998



97, 3.782, 281.998

Sweetspot

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



97, 3.782, 52.040



99, 1.463, 52.005



96, 6.564, 334.574



53, 0.831, 51.990



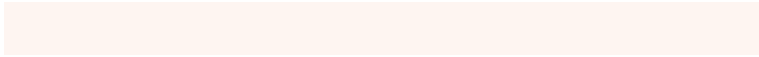
0, 0.000, 0.000



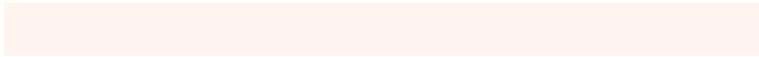
53, 0.007, 296.813

Same Dimension

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



97, 3.782, 52.040



97, 4.463, 52.003



99, 5.346, 99.787



51, 2.968, 51.972



45, 75.893, 47.737



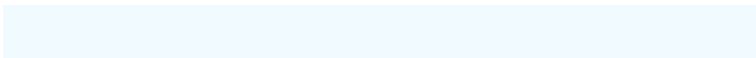
13, 28.452, 44.434

Inverse Universe

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



98, 3.689, 233.101



98, 4.331, 233.148



96, 5.395, 281.035



52, 2.869, 233.189



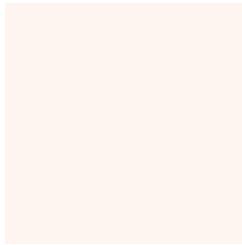
52, 40.003, 257.736



16, 17.408, 250.646

Previews

White Background



This preview shows how the CIELCh color 97, 3.782, 51.998 looks on a white background.

Color Contrast Check

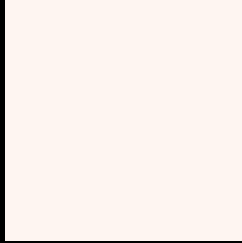
Large Text (above 18pt) WCAG AA × Fail

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, 3.782, 51.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

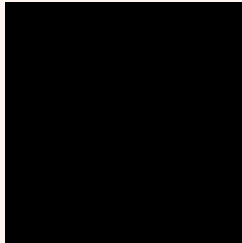
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

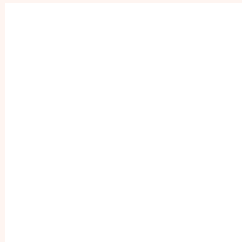
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 3.782, 51.998

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.782, 51.998.



This preview shows how white text looks on a background with the CIELCh color 97, 3.782, 51.998.

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, 3.782, 51.998

Protanopia

97, 3.200, 58.880

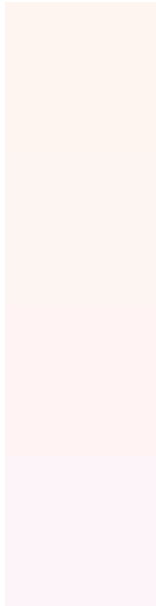
Deuteranopia

97, 3.938, 12.069



Tritanopia
97, 6.481, 319.507

Trichromacy



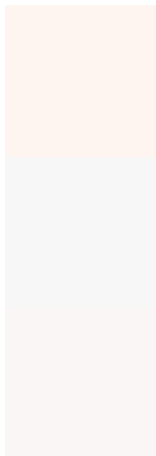
Original Color
97, 3.782, 51.998

Protanomaly
97, 3.485, 55.152

Deuteranomaly
97, 3.939, 26.928

Tritanomaly
97, 4.435, 335.821

Monochromacy



Original Color
97, 3.782, 51.998

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.166, 44.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.782, 51.998 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, 245, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 245, 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(254, 245, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 245, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.782, 51.998 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, 245, 241) }
```

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

```
.border{ border-color:rgb(254, 245, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 245, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 245, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 245, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 245,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.782, 51.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 245, 241) }
```

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

```
.background{ background-color: rgb(254,  
245, 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](#).

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