

Converting Colors

CIELCh(98, 8.491, 48.576)

Have a look what the booklet for
CIELCh(98, 8.491, 48.576) contains.

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Color

CIELCh(97, 5.409, 68.280)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5ED
RGB	255, 245, 237
RGB Percent	100%, 96%, 93%
CMY	0.0011, 0.0403, 0.0717
CMYK	0.00, 0.04, 0.07, 0.00
HSL	27°, 97%, 96%
HSV	27°, 7%, 100%
XYZ	88.9495, 92.4403, 93.0629
YIQ	247.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

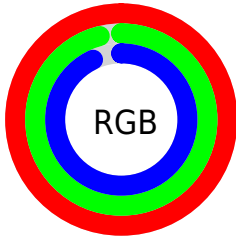
Format	Color
R _Y B	255, 251, 237
Decimal	16774637
CIE Lab	97.00, 2.00, 5.02
CIE LCh	97, 5.409, 68.280
Yxy	92.4403, 0.3241, 0.3368
Android (android.graphics.Color)	4294964717 (0xFFFFF5ED)
YUV	247.0780, -4.9685, 6.9476
Hunter-Lab	96.1459, -3.1158, 9.9133

Details

The CIELCh color **97, 5.409, 68.280** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **97, 5.294, 250.145**, 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, 5.452, 71.093** is the 20% darker color. If you saturate the color by 10%, you get **93, 13.444, 67.220**, and if you desaturate by 10%, it is **100, 0.097, 206.225**.

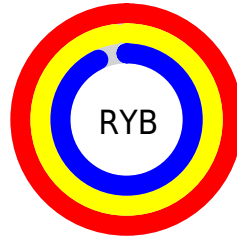
Distribution



Red (100%)

Green (96%)

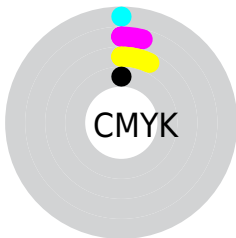
Blue (93%)



Red (100%)

Yellow (98%)

Blue (93%)

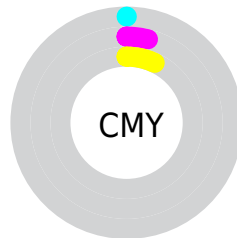


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 5.409, 68.280 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, 5.409, 68.280 by changing the saturation by 10% instead.

 97, 5.409, 68.280

 97, 5.409, 68.280

 100, 5.409, 68.280

 87, 5.409, 68.280

 77, 5.409, 68.280

 67, 5.409, 68.280

 57, 5.409, 68.280

 47, 5.409, 68.280

 37, 5.409, 68.280

 27, 5.409, 68.280

 17, 5.409, 68.280

 7, 5.409, 68.280

97, 5.409, 68.280

97, 5.409, 68.280

93, 13.444, 67.220

100, 0.097,
206.225

89, 21.946, 66.092

85, 30.942, 64.968

81, 40.434, 63.858

78, 50.363, 62.754

74, 60.548, 61.618

71, 70.565, 60.341

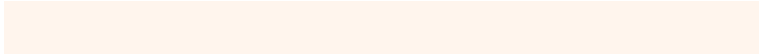
68, 79.554, 58.685

65, 86.196, 56.240

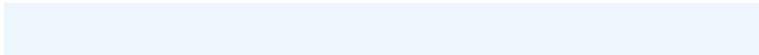
Harmonies

Complementary

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



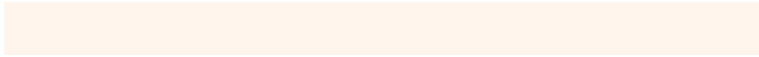
97, 5.409, 68.280



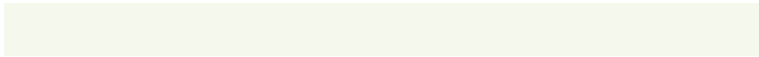
97, 5.294, 250.145

Rectangle

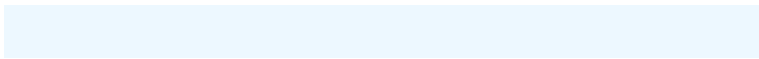
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 5.409, 68.280



97, 5.409, 118.280



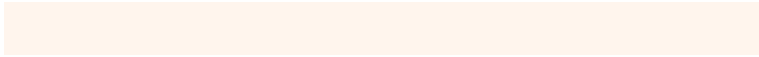
97, 5.409, 248.280



97, 5.409, 298.280

Sweetspot

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



97, 5.409, 68.309



99, 1.507, 68.650



95, 8.272, 340.724



53, 0.856, 68.644



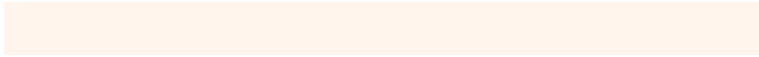
0, 0.000, 0.000



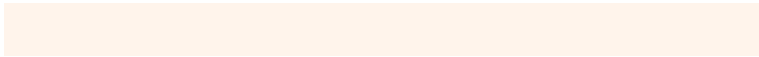
53, 0.007, 296.813

Same Dimension

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



97, 5.409, 68.309



97, 6.148, 68.213



99, 8.517, 106.632



51, 4.388, 68.054



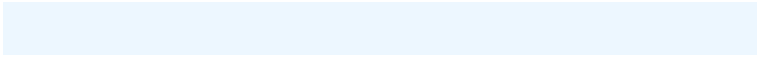
49, 70.469, 56.170



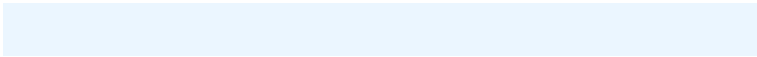
15, 27.167, 56.395

Inverse Universe

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



97, 5.294, 250.145



96, 5.995, 250.255



94, 8.650, 288.132



51, 4.254, 250.441



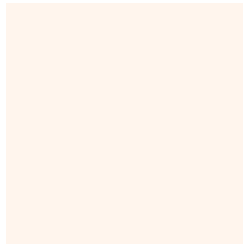
44, 52.100, 278.209



13, 21.492, 271.252

Previews

White Background



This preview shows how the CIELCh color 97, 5.409, 68.280 looks on a white background.

Color Contrast Check

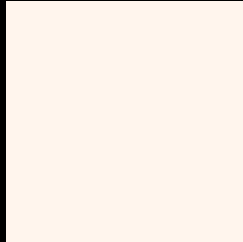
Large Text (above 18pt) WCAG AA × Fail

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, 5.409, 68.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

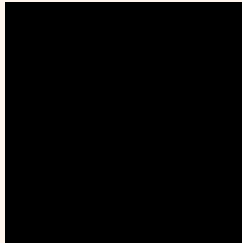
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 5.409, 68.280

Background



This preview shows how black text looks on a background with the CIELCh color 97, 5.409, 68.280.



This preview shows how white text looks on a background with the CIELCh color 97, 5.409, 68.280.

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, 5.409, 68.280

Protanopia

97, 4.963, 74.558

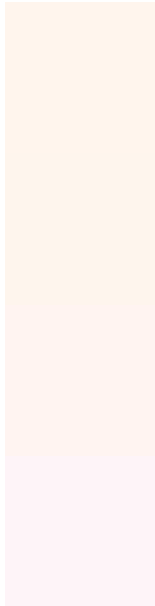
Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 7.283, 322.376

Trichromacy



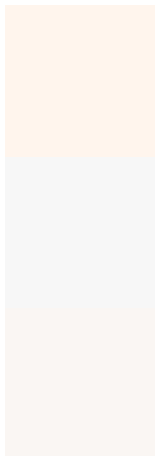
Original Color
97, 5.409, 68.280

Protanomaly
97, 5.178, 71.285

Deuteranomaly
97, 4.197, 40.844

Tritanomaly
97, 4.098, 349.637

Monochromacy



Original Color
97, 5.409, 68.280

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.067, 66.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 5.409, 68.280 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, 245, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 237)  
}
```

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, 245, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 5.409, 68.280 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, 245, 237) }
```

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

```
.border{ border-color:rgb(255, 245, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 5.409, 68.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 237) }
```

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

```
.background{ background-color: rgb(255,  
245, 237) }
```

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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