

Converting Colors

CIELCh(100, 17.603, 31.004)

Have a look what the booklet for
CIELCh(100, 17.603, 31.004)
contains.

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Color

CIELCh(97, 4.969, 57.434)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4EE
RGB	255, 244, 238
RGB Percent	100%, 96%, 93%
CMY	0.0000, 0.0417, 0.0653
CMYK	0.00, 0.04, 0.07, 0.00
HSL	22°, 100%, 97%
HSV	22°, 7%, 100%
XYZ	89.3171, 92.4403, 94.2999
YIQ	246.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

Format	Color
RYB	255, 247, 238
Decimal	16774382
CIELab	97.00, 2.67, 4.19
CIELCh	97, 4.969, 57.434
Yxy	92.4403, 0.3235, 0.3349
Android (android.graphics.Color)	4294964462 (0xFFFFF4EE)
YUV	246.6050, -4.2423, 7.3624
Hunter-Lab	96.1459, -2.4332, 9.1505

Details

The CIELCh color **97, 4.969, 57.434** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 4.731, 239.864**, 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, 4.942, 60.002** is the 20% darker color. If you saturate the color by 10%, you get **92, 12.759, 57.600**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

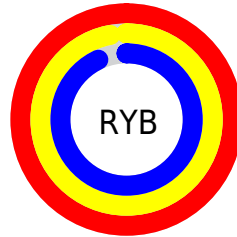
Distribution



Red (100%)

Green (96%)

Blue (93%)



Red (100%)

Yellow (97%)

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, 4.969, 57.434 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, 4.969, 57.434 by changing the saturation by 10% instead.

 97, 4.969, 57.434

 97, 4.969, 57.434

 100, 4.969, 57.434

 87, 4.969, 57.434

 77, 4.969, 57.434

 67, 4.969, 57.434

 57, 4.969, 57.434

 47, 4.969, 57.434

 37, 4.969, 57.434

 27, 4.969, 57.434

 17, 4.969, 57.434

 7, 4.969, 57.434

97, 4.969, 57.434

97, 4.969, 57.434

92, 12.759, 57.600

100, 0.012,
296.813

88, 21.216, 56.775

83, 30.281, 55.996

79, 39.975, 55.283

75, 50.266, 54.639

71, 61.010, 54.037

68, 71.840, 53.377

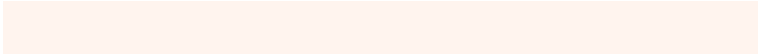
64, 81.931, 52.410

62, 89.804, 50.648

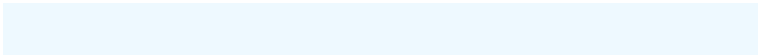
Harmonies

Complementary

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



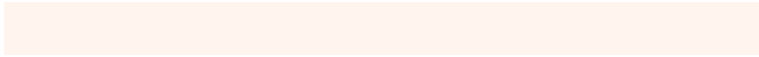
97, 4.969, 57.434



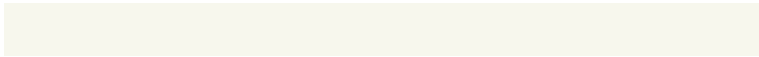
97, 4.731, 239.864

Rectangle

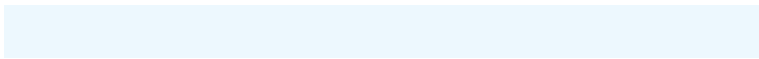
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 4.969, 57.434



97, 4.969, 107.434



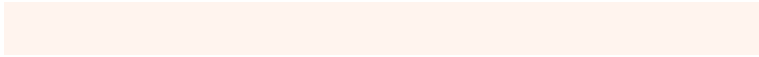
97, 4.969, 237.434



97, 4.969, 287.434

Sweetspot

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



97, 4.866, 58.411



99, 1.465, 58.549



96, 8.109, 336.797



53, 0.832, 58.538



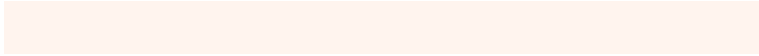
0, 0.000, 0.000



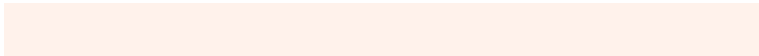
53, 0.007, 296.813

Same Dimension

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



97, 4.866, 58.411



96, 5.996, 58.301



99, 7.219, 102.515



51, 4.284, 58.182



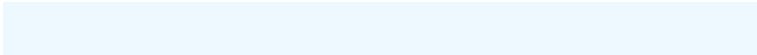
46, 73.716, 50.598



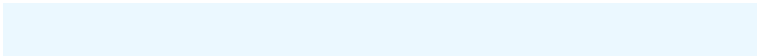
14, 27.829, 48.741

Inverse Universe

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



97, 4.731, 239.864



97, 5.785, 239.998



95, 7.304, 284.011



51, 4.100, 240.147



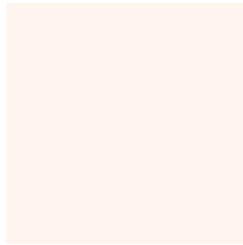
49, 44.004, 266.719



15, 18.699, 259.449

Previews

White Background



This preview shows how the CIELCh color 97, 4.969, 57.434 looks on a white background.

Color Contrast Check

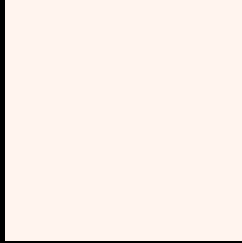
Large Text (above 18pt) WCAG AA × Fail

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, 4.969, 57.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

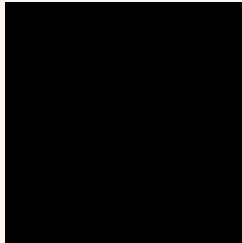
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

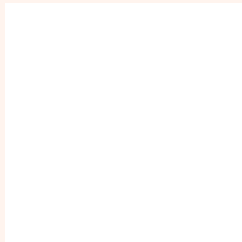
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.969, 57.434

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.969, 57.434.



This preview shows how white text looks on a background with the CIELCh color 97, 4.969, 57.434.

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, 4.969, 57.434

Protanopia

97, 3.928, 70.419

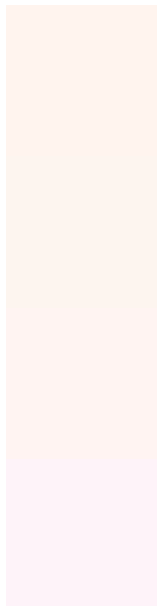
Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 7.283, 322.376

Trichromacy



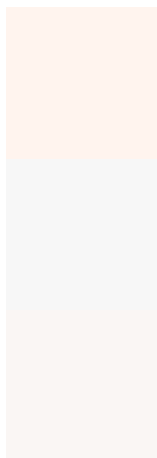
Original Color
97, 4.969, 57.434

Protanomaly
97, 4.164, 66.584

Deuteranomaly
97, 4.038, 34.110

Tritanomaly
97, 4.971, 341.530

Monochromacy



Original Color
97, 4.969, 57.434

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.729, 55.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.969, 57.434 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.969, 57.434 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, 238) }
```

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

```
.border{ border-color:rgb(255, 244, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 244, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 244, 238); box-shadow:4px 4px 4px 4px rgb(255, 244, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.969, 57.434 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, 238) }
```

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

```
.background{ background-color: rgb(255,  
244, 238) }
```

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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