

Converting Colors

CIELCh(98, 11.754, 69.487)

Have a look what the booklet for
CIELCh(98, 11.754, 69.487) contains.

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Color

CIELCh(97, 9.717, 89.767)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6E4
RGB	255, 246, 228
RGB Percent	100%, 96%, 89%
CMY	0.0015, 0.0368, 0.1074
CMYK	0.00, 0.04, 0.11, 0.00
HSL	40°, 97%, 95%
HSV	40°, 11%, 100%
XYZ	87.8831, 92.4403, 86.3305
YIQ	246.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

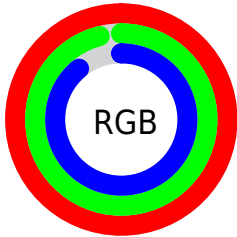
Format	Color
R _Y B	242, 255, 228
Decimal	16774884
CIE Lab	97.00, 0.04, 9.72
CIE LCh	97, 9.717, 89.767
Yxy	92.4403, 0.3296, 0.3467
Android (android.graphics.Color)	4294964964 (0xFFFFF6E4)
YUV	246.6390, -9.1890, 7.3326
Hunter-Lab	96.1459, -5.0955, 14.0649

Details

The CIELCh color **97, 9.717, 89.767** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 9.710, 272.582**, 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, 9.580, 90.597** is the 20% darker color. If you saturate the color by 10%, you get **94, 19.099, 88.494**, and if you desaturate by 10%, it is **100, 0.535, 90.527**.

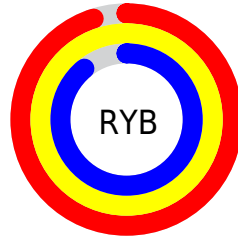
Distribution



Red (100%)

Green (96%)

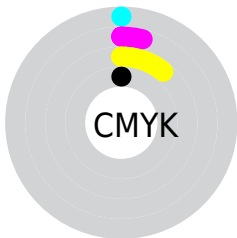
Blue (89%)



Red (95%)

Yellow (100%)

Blue (89%)

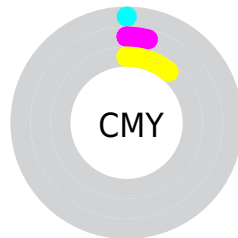


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 9.717, 89.767 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, 9.717, 89.767 by changing the saturation by 10% instead.

 97, 9.717, 89.767

 97, 9.717, 89.767

 100, 9.717, 89.767

 87, 9.717, 89.767

 77, 9.717, 89.767

 67, 9.717, 89.767


 57, 9.717, 89.767

 47, 9.717, 89.767

 37, 9.717, 89.767

 27, 9.717, 89.767

 17, 9.717, 89.767

 7, 9.717, 89.767

97, 9.717, 89.767

97, 9.717, 89.767

94, 19.099, 88.494

100, 0.535, 90.527

92, 28.660, 87.156

100, 0.136,
204.283

89, 38.355, 85.774

87, 48.076, 84.349

84, 57.611, 82.866

82, 66.562, 81.286

80, 74.250, 79.526

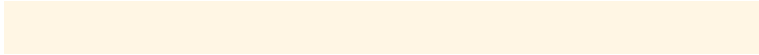
78, 79.720, 77.431

76, 82.415, 75.041

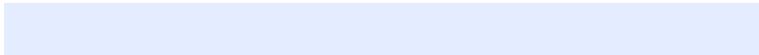
Harmonies

Complementary

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



97, 9.717, 89.767



93, 9.710, 272.582

Rectangle

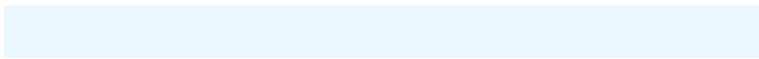
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 9.717, 89.767



97, 9.717, 139.767



97, 9.717, 269.767



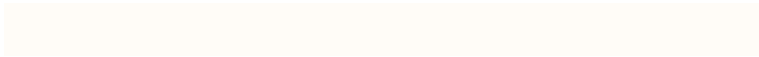
97, 9.717, 319.767

Sweetspot

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



97, 9.718, 89.782



99, 2.724, 90.664



93, 10.757, 354.657



53, 2.068, 90.587



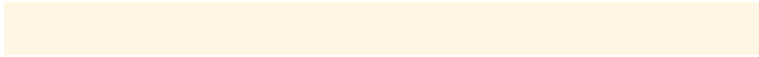
0, 0.000, 0.000



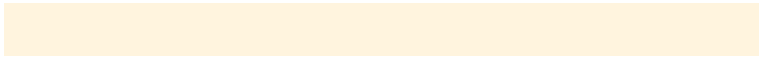
53, 0.007, 296.813

Same Dimension

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



97, 9.718, 89.782



96, 11.966, 89.479



99, 13.778, 115.937



52, 5.212, 89.918



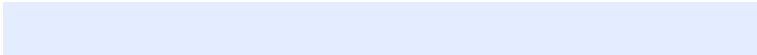
58, 66.476, 75.586



19, 28.097, 78.354

Inverse Universe

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



93, 9.710, 272.582



92, 11.944, 272.929



92, 14.107, 297.526



50, 5.211, 272.428



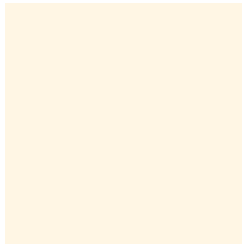
33, 79.011, 296.701



8, 31.694, 291.565

Previews

White Background



This preview shows how the CIELCh color 97, 9.717, 89.767 looks on a white background.

Color Contrast Check

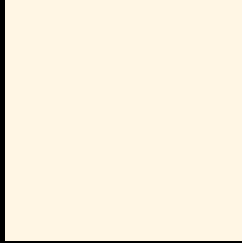
Large Text (above 18pt) WCAG AA × Fail

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, 9.717, 89.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

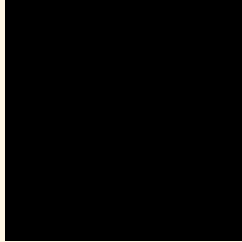
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 9.717, 89.767

Background



This preview shows how black text looks on a background with the CIELCh color 97, 9.717, 89.767.



This preview shows how white text looks on a background with the CIELCh color 97, 9.717, 89.767.

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, 9.717, 89.767

Protanopia

97, 9.379, 86.668

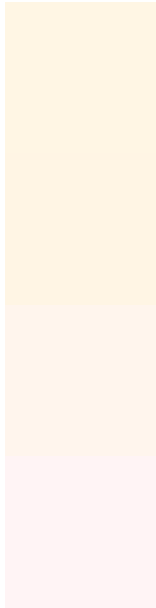
Deuteranopia

97, 4.038, 34.110



Tritanopia
97, 7.476, 324.660

Trichromacy



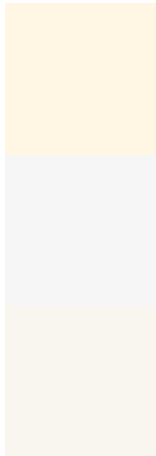
Original Color
97, 9.717, 89.767

Protanomaly
97, 9.379, 86.668

Deuteranomaly
97, 5.409, 68.280

Tritanomaly
97, 3.938, 12.069

Monochromacy



Original Color
97, 9.717, 89.767

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.708, 93.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 9.717, 89.767 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, 246, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 228)  
}
```

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, 246, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 9.717, 89.767 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, 246, 228) }
```

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

```
.border{ border-color:rgb(255, 246, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 246, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 246, 228); box-shadow:4px 4px 4px 4px rgb(255, 246, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 9.717, 89.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 228) }
```

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

```
.background{ background-color: rgb(255,  
246, 228) }
```

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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