

Converting Colors

CIELCh(97, 9.591, 85.042)

Have a look what the booklet for
CIELCh(97, 9.591, 85.042) contains.

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Color

CIELCh(97, 9.379, 86.668)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5E4
RGB	255, 245, 228
RGB Percent	100%, 96%, 89%
CMY	0.0000, 0.0379, 0.1046
CMYK	0.00, 0.04, 0.10, 0.00
HSL	38°, 100%, 95%
HSV	38°, 10%, 100%
XYZ	88.1571, 92.4403, 86.8265
YIQ	246.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

Format	Color
RYB	244, 255, 228
Decimal	16774628
CIELab	97.00, 0.55, 9.36
CIELCh	97, 9.379, 86.668
Yxy	92.4403, 0.3297, 0.3457
Android (android.graphics.Color)	4294964708 (0xFFFFF5E4)
YUV	246.0520, -8.8996, 7.8474
Hunter-Lab	96.1459, -4.5870, 13.7591

Details

The CIELCh color **97, 9.379, 86.668** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 9.294, 270.164**, 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, 9.220, 87.323** is the 20% darker color. If you saturate the color by 10%, you get **94, 18.499, 86.061**, and if you desaturate by 10%, it is **100, 0.398, 87.874**.

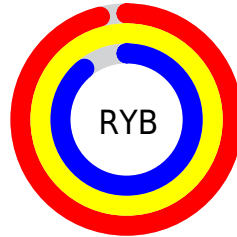
Distribution



Red (100%)

Green (96%)

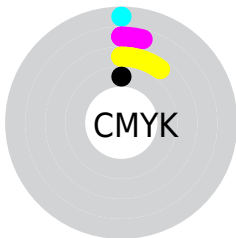
Blue (89%)



Red (96%)

Yellow (100%)

Blue (89%)

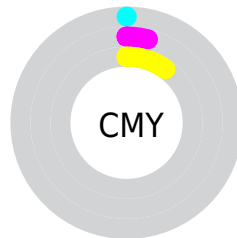


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 9.379, 86.668 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, 9.379, 86.668 by changing the saturation by 10% instead.

 97, 9.379, 86.668	 97, 9.379, 86.668
 100, 9.379, 86.668	 87, 9.379, 86.668
	 77, 9.379, 86.668
	 67, 9.379, 86.668
	 57, 9.379, 86.668
	 47, 9.379, 86.668
	 37, 9.379, 86.668
	 27, 9.379, 86.668
	 17, 9.379, 86.668
	 7, 9.379, 86.668

97, 9.379, 86.668

97, 9.379, 86.668

94, 18.499, 86.061

100, 0.398, 87.874

91, 27.882, 84.710

100, 0.012,
296.813

89, 37.447, 83.316

86, 47.102, 81.877

83, 56.653, 80.378

81, 65.724, 78.773

79, 73.653, 76.969

76, 79.468, 74.787

74, 82.540, 72.217

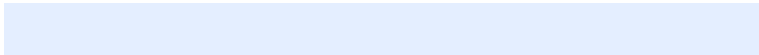
Harmonies

Complementary

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



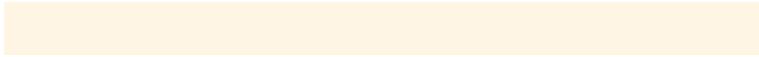
97, 9.379, 86.668



94, 9.294, 270.164

Rectangle

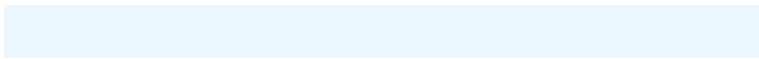
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 9.379, 86.668



97, 9.379, 136.668



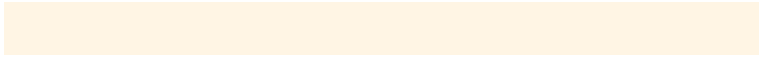
97, 9.379, 266.668



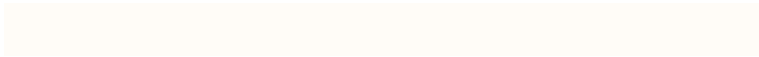
97, 9.379, 316.668

Sweetspot

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



97, 9.335, 87.360



99, 2.644, 88.227



93, 10.824, 352.447



53, 2.008, 88.151



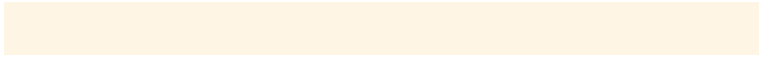
0, 0.000, 0.000



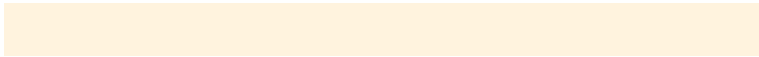
53, 0.007, 296.813

Same Dimension

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



97, 9.335, 87.360



96, 11.638, 87.037



99, 13.578, 114.604



52, 5.066, 87.480



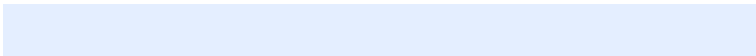
57, 66.461, 72.810



19, 27.738, 75.545

Inverse Universe

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



94, 9.294, 270.164



92, 11.563, 270.535



92, 13.905, 296.272



50, 5.048, 270.028



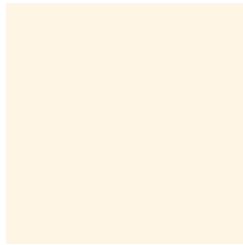
34, 75.310, 294.981



9, 30.209, 289.587

Previews

White Background



This preview shows how the CIELCh color 97, 9.379, 86.668 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, 9.379, 86.668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

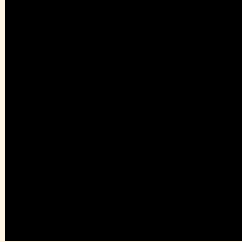
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

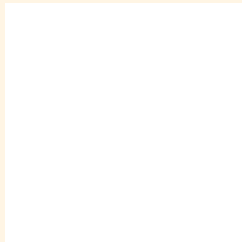
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 9.379, 86.668

Background



This preview shows how black text looks on a background with the CIELCh color 97, 9.379, 86.668.



This preview shows how white text looks on a background with the CIELCh color 97, 9.379, 86.668.

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, 9.379, 86.668

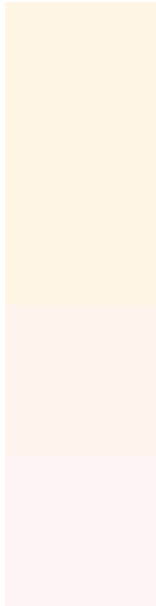
Protanopia
97, 9.379, 86.668

Deuteranopia
97, 4.038, 34.110



Tritanopia
97, 7.476, 324.660

Trichromacy



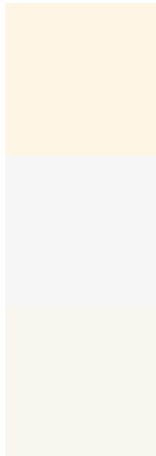
Original Color
97, 9.379, 86.668

Protanomaly
97, 9.379, 86.668

Deuteranomaly
97, 5.301, 61.745

Tritanomaly
97, 3.938, 12.069

Monochromacy



Original Color
97, 9.379, 86.668

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.222, 90.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 9.379, 86.668 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 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, 245, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 9.379, 86.668 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, 228) }
```

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

```
.border{ border-color:rgb(255, 245, 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, 245, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 245, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 245, 228); box-shadow:4px 4px 4px 4px rgb(255, 245, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 9.379, 86.668 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, 228) }
```

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

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