

Converting Colors

CIE LCh(97, 16.262, 96.244)

Have a look what the booklet for
CIELCh(97, 16.262, 96.244) contains.

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Color

CIElCh(97, 16.117, 96.999)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6D7
RGB	255, 246, 215
RGB Percent	100%, 96%, 84%
CMY	0.0000, 0.0336, 0.1552
CMYK	0.00, 0.03, 0.16, 0.00
HSL	47°, 100%, 92%
HSV	47°, 16%, 100%
XYZ	86.8032, 92.4403, 77.8388
YIQ	245.1570, 15.3150, -7.7330

Conversions

Conversions Part 2

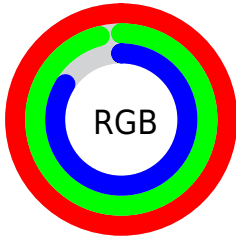
Format	Color
R_{YB}	227, 255, 215
Decimal	16774871
CIE Lab	97.00, -1.96, 16.00
CIE LCh	97, 16.117, 96.999
Yxy	92.4403, 0.3376, 0.3596
Android (android.graphics.Color)	4294964951 (0xFFFFF6D7)
YUV	245.1570, -14.8674, 8.6323
Hunter-Lab	96.1459, -7.1004, 19.3015

Details

The CIELCh color **97, 16.117, 96.999** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 16.334, 281.402**, 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, 16.318, 97.540** is the 20% darker color. If you saturate the color by 10%, you get **95, 26.552, 96.355**, and if you desaturate by 10%, it is **99, 5.689, 98.727**.

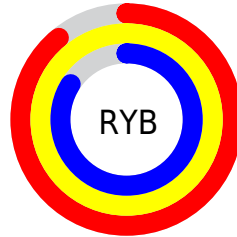
Distribution



Red (100%)

Green (96%)

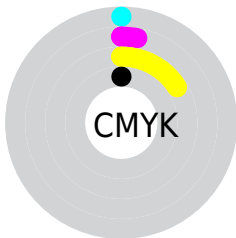
Blue (84%)



Red (89%)

Yellow (100%)

Blue (84%)

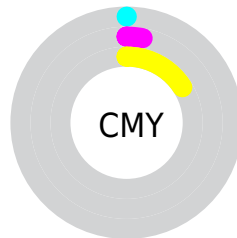


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 16.117, 96.999 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, 16.117, 96.999 by changing the saturation by 10% instead.

97, 16.117, 96.999

97, 16.117, 96.999

100, 16.117,
96.999

87, 16.117, 96.999

77, 16.117, 96.999

67, 16.117, 96.999

57, 16.117, 96.999

47, 16.117, 96.999

37, 16.117, 96.999

27, 16.117, 96.999

17, 16.117, 96.999

7, 16.117, 96.999

97, 16.117, 96.999

97, 16.117, 96.999

95, 26.552, 96.355

99, 5.689, 98.727

93, 37.022, 95.110

100, 0.012,
296.813

92, 47.378, 93.840

90, 57.411, 92.549

88, 66.759, 91.235

87, 74.840, 89.879

85, 80.853, 88.436

84, 84.023, 86.824

83, 84.708, 86.049

Harmonies

Complementary

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



97, 16.117, 96.999



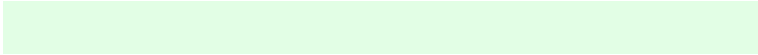
89, 16.334, 281.402

Rectangle

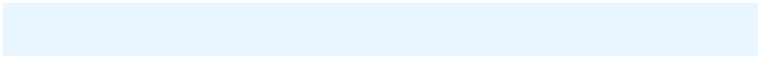
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 16.117, 96.999



97, 16.117, 146.999



97, 16.117, 276.999



97, 16.117, 326.999

Sweetspot

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



97, 16.087, 97.568



99, 5.149, 98.783



90, 15.140, 3.504



53, 3.515, 98.707



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, 16.087, 97.568



96, 19.721, 97.150



98, 20.477, 120.251



52, 5.874, 98.275



64, 68.331, 86.383



21, 30.119, 88.585

Inverse Universe

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



89, 16.334, 281.402



87, 20.090, 281.916



88, 21.115, 302.173



50, 5.935, 280.579



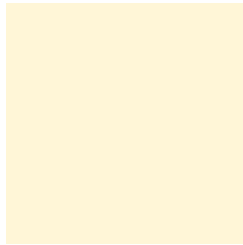
28, 92.750, 301.946



6, 37.027, 297.098

Previews

White Background



This preview shows how the CIE LCh color 97, 16.117, 96.999 looks on a white background.

Color Contrast Check

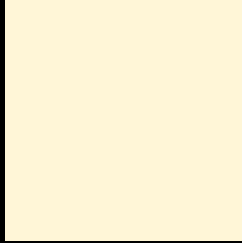
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 97, 16.117, 96.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

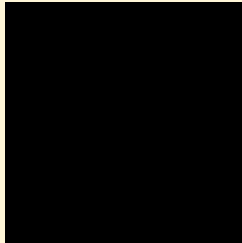
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 16.117, 96.999

Background



This preview shows how black text looks on a background with the CIELCh color 97, 16.117, 96.999.

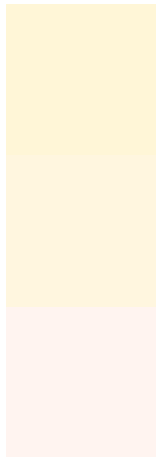


This preview shows how white text looks on a background with the CIELCh color 97, 16.117, 96.999.

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, 16.117, 96.999

Protanopia

97, 12.154, 93.514

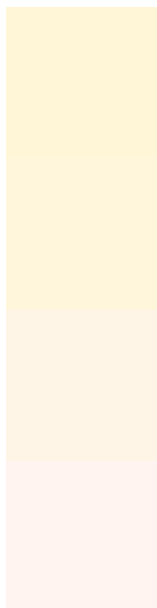
Deuteranopia

97, 4.410, 47.004



Tritanopia
97, 7.061, 326.996

Trichromacy



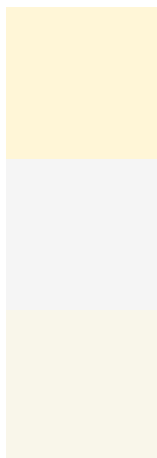
Original Color
97, 16.117, 96.999

Protanomaly
97, 13.634, 95.080

Deuteranomaly
97, 7.982, 82.625

Tritanomaly
97, 4.410, 47.004

Monochromacy



Original Color
97, 16.117, 96.999

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 6.197, 99.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 16.117, 96.999 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 16.117, 96.999 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, 215) }
```

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

```
.border{ border-color:rgb(255, 246, 215) }
```

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, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 16.117, 96.999 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, 215) }
```

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

```
.background{ background-color: rgb(255,  
246, 215) }
```

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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