

Converting Colors

CIE LCh(97, 17.299, 98.495)

Have a look what the booklet for
CIELCh(97, 17.299, 98.495) contains.

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Color

CIELCh(97, 17.534, 99.070)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7D5
RGB	255, 247, 213
RGB Percent	100%, 97%, 84%
CMY	0.0007, 0.0320, 0.1653
CMYK	0.00, 0.03, 0.16, 0.00
HSL	49°, 99%, 92%
HSV	49°, 16%, 100%
XYZ	86.3744, 92.4403, 76.1306
YIQ	245.5160, 15.6820, -8.8780

Conversions

Conversions Part 2

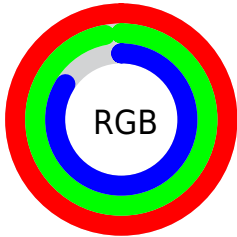
Format	Color
R _Y B	223, 255, 213
Decimal	16775125
CIE Lab	97.00, -2.76, 17.31
CIE LCh	97, 17.534, 99.070
Yxy	92.4403, 0.3388, 0.3626
Android (android.graphics.Color)	4294965205 (0xFFFFF7D5)
YUV	245.5160, -16.0304, 8.3175
Hunter-Lab	96.1459, -7.8966, 20.3549

Details

The CIELCh color **97, 17.534, 99.070** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 17.882, 283.079**, 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, 17.806, 99.592** is the 20% darker color. If you saturate the color by 10%, you get **95, 28.245, 97.890**, and if you desaturate by 10%, it is **99, 6.863, 100.221**.

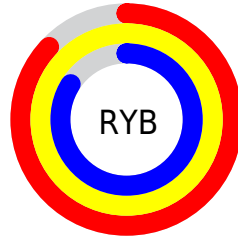
Distribution



Red (100%)

Green (97%)

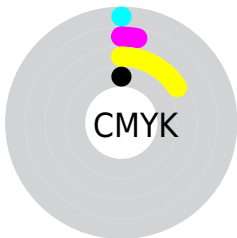
Blue (84%)



Red (87%)

Yellow (100%)

Blue (84%)

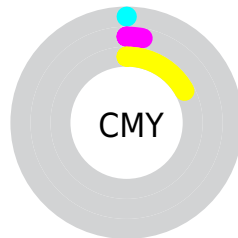


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 17.534, 99.070 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, 17.534, 99.070 by changing the saturation by 10% instead.

97, 17.534, 99.070

97, 17.534, 99.070

100, 17.534,
99.070

87, 17.534, 99.070

77, 17.534, 99.070

67, 17.534, 99.070

57, 17.534, 99.070

47, 17.534, 99.070

37, 17.534, 99.070

27, 17.534, 99.070

17, 17.534, 99.070

7, 17.534, 99.070

97, 17.534, 99.070

97, 17.534, 99.070

95, 28.245, 97.890

99, 6.863, 100.221

94, 38.915, 96.677

100, 0.060,
210.605

92, 49.413, 95.445

91, 59.504, 94.203

89, 68.795, 92.952

88, 76.677, 91.680

86, 82.352, 90.356

85, 85.131, 88.915

85, 85.638, 88.384

Harmonies

Complementary

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



97, 17.534, 99.070



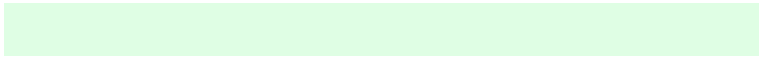
88, 17.882, 283.079

Rectangle

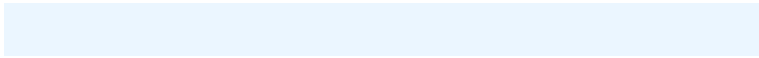
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 17.534, 99.070



97, 17.534, 149.070



97, 17.534, 279.070



97, 17.534, 329.070

Sweetspot

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



97, 17.536, 99.078



99, 5.294, 100.381



89, 16.017, 4.866



53, 3.614, 100.305



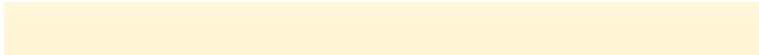
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 17.536, 99.078



96, 21.317, 98.663



98, 21.780, 120.847



52, 6.036, 99.882



65, 69.118, 88.669



22, 30.681, 90.641

Inverse Universe

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



88, 17.882, 283.079



86, 21.831, 283.599



87, 22.487, 302.838



49, 6.111, 282.135



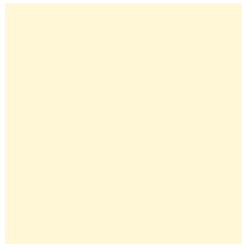
27, 95.431, 302.809



6, 38.004, 297.888

Previews

White Background



This preview shows how the CIE LCh color 97, 17.534, 99.070 looks on a white background.

Color Contrast Check

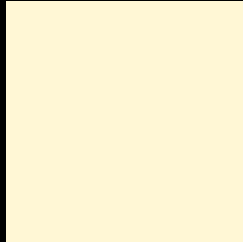
Large Text (above 18pt) WCAG AA × Fail

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, 17.534, 99.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

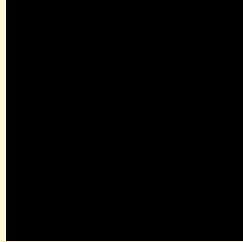
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 17.534, 99.070

Background



This preview shows how black text looks on a background with the CIELCh color 97, 17.534, 99.070.



This preview shows how white text looks on a background with the CIELCh color 97, 17.534, 99.070.

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, 17.534, 99.070

Protanopia

97, 12.154, 93.514

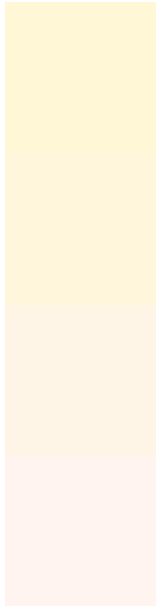
Deuteranopia

97, 4.410, 47.004



Tritanopia
97, 7.061, 326.996

Trichromacy



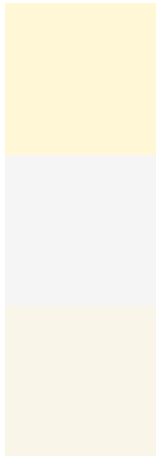
Original Color
97, 17.534, 99.070

Protanomaly
97, 14.129, 95.524

Deuteranomaly
97, 8.442, 84.126

Tritanomaly
97, 4.670, 52.533

Monochromacy



Original Color
97, 17.534, 99.070

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 6.701, 100.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 17.534, 99.070 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, 247, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 213)  
}
```

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, 247, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 17.534, 99.070 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, 247, 213) }
```

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

```
.border{ border-color:rgb(255, 247, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 17.534, 99.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 213) }
```

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

```
.background{ background-color: rgb(255,  
247, 213) }
```

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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