

Converting Colors

CIELCh(100, 26.037, 61.121)

Have a look what the booklet for
CIELCh(100, 26.037, 61.121)
contains.

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Color

CIELCh(97, 17.702, 96.661)

Conversions

Conversions Part 1

Format	Color
Hex	FFF6D4
RGB	255, 246, 212
RGB Percent	100%, 96%, 83%
CMY	0.0000, 0.0338, 0.1673
CMYK	0.00, 0.03, 0.17, 0.00
HSL	48°, 100%, 92%
HSV	48°, 17%, 100%
XYZ	86.7552, 92.4403, 75.7866
YIQ	244.8150, 16.2780, -8.6660

Conversions

Conversions Part 2

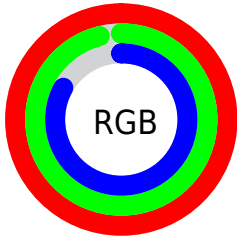
Format	Color
R_{YB}	223, 255, 212
Decimal	16774868
CIE Lab	97.00, -2.05, 17.58
CIE LCh	97, 17.702, 96.661
Yxy	92.4403, 0.3402, 0.3625
Android (android.graphics.Color)	4294964948 (0xFFFFF6D4)
YUV	244.8150, -16.1778, 8.9322
Hunter-Lab	96.1459, -7.1896, 20.5670

Details

The CIELCh color **97, 17.702, 96.661** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 17.927, 282.442**, 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, 17.889, 98.323** is the 20% darker color. If you saturate the color by 10%, you get **95, 28.207, 97.137**, and if you desaturate by 10%, it is **99, 7.044, 99.493**.

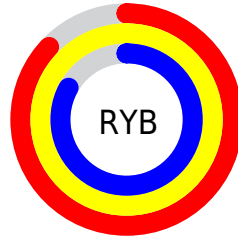
Distribution



Red (100%)

Green (96%)

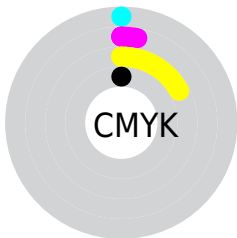
Blue (83%)



Red (87%)

Yellow (100%)

Blue (83%)

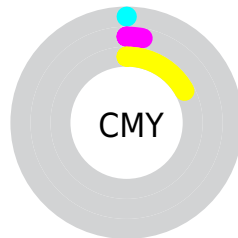


Cyan (0%)

Magenta (3%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 17.702, 96.661 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, 17.702, 96.661 by changing the saturation by 10% instead.

 97, 17.702, 96.661

 97, 17.702, 96.661

 100, 17.702,
96.661

 87, 17.702, 96.661

 77, 17.702, 96.661

 67, 17.702, 96.661

 57, 17.702, 96.661

 47, 17.702, 96.661

 37, 17.702, 96.661

 27, 17.702, 96.661

 17, 17.702, 96.661

 7, 17.702, 96.661

97, 17.702, 96.661

97, 17.702, 96.661

95, 28.207, 97.137

99, 7.044, 99.493

93, 38.786, 95.907

100, 0.012,
296.813

92, 49.208, 94.657

90, 59.240, 93.391

89, 68.490, 92.110

87, 76.346, 90.796

86, 81.996, 89.411

85, 84.744, 87.880

84, 85.229, 87.355

Harmonies

Complementary

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



97, 17.702, 96.661



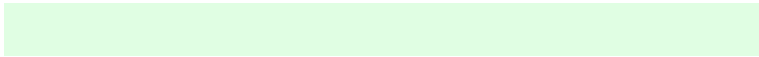
88, 17.927, 282.442

Rectangle

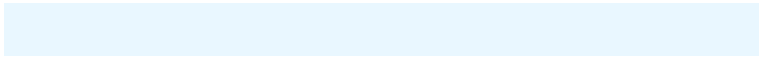
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 17.702, 96.661



97, 17.702, 146.661



97, 17.702, 276.661



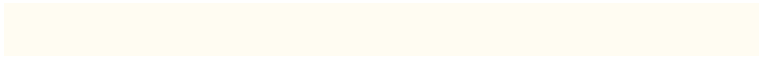
97, 17.702, 326.661

Sweetspot

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



97, 17.601, 98.338



99, 5.229, 99.682



89, 16.363, 3.644



53, 3.570, 99.606



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

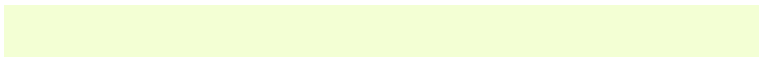
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 17.601, 98.338



96, 21.071, 97.948



98, 22.060, 120.177



52, 5.964, 99.179



65, 68.753, 87.662



22, 30.427, 89.738

Inverse Universe

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



88, 17.927, 282.442



86, 21.539, 282.930



87, 22.802, 302.260



49, 6.032, 281.455



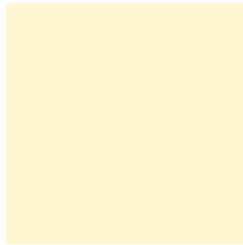
27, 94.264, 302.439



6, 37.580, 297.552

Previews

White Background



This preview shows how the CIELCh color 97, 17.702, 96.661 looks on a white background.

Color Contrast Check

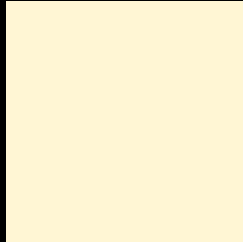
Large Text (above 18pt) WCAG AA × Fail

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, 17.702, 96.661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

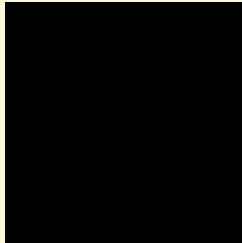
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 17.702, 96.661

Background



This preview shows how black text looks on a background with the CIELCh color 97, 17.702, 96.661.



This preview shows how white text looks on a background with the CIELCh color 97, 17.702, 96.661.

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, 17.614, 97.862

Protanopia

97, 12.646, 94.080

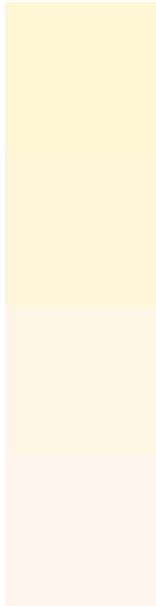
Deuteranopia

97, 4.670, 52.533



Tritanopia
97, 7.282, 329.226

Trichromacy



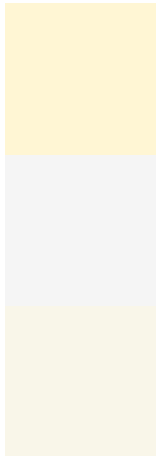
Original Color
97, 17.614, 97.862

Protanomaly
97, 14.625, 95.934

Deuteranomaly
97, 8.908, 85.466

Tritanomaly
97, 4.969, 57.434

Monochromacy



Original Color
97, 17.614, 97.862

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, 17.702, 96.661 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 17.702, 96.661 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, 212) }
```

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

```
.border{ border-color:rgb(255, 246, 212) }
```

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, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 17.702, 96.661 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
246, 212) }
```

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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