

Converting Colors

CIE LCh(97, 13.693, 97.155)

Have a look what the booklet for
CIELCh(97, 13.693, 97.155) contains.

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Color

CIELCh(97, 13.550, 96.601)

Conversions

Conversions Part 1

Format	Color
Hex	FEF6DC
RGB	254, 246, 220
RGB Percent	100%, 96%, 86%
CMY	0.0026, 0.0339, 0.1359
CMYK	0.00, 0.03, 0.13, 0.00
HSL	46°, 96%, 93%
HSV	46°, 13%, 100%
XYZ	87.0215, 92.4403, 81.1985
YIQ	245.4280, 13.1140, -6.3900

Conversions

Conversions Part 2

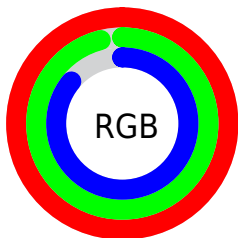
Format	Color
R_{YB}	230, 254, 220
Decimal	16709340
CIE _{Lab}	97.00, -1.56, 13.46
CIE _{LCh}	97, 13.550, 96.601
Yxy	92.4403, 0.3339, 0.3546
Android (android.graphics.Color)	4294899420 (0xFFFEF6DC)
YUV	245.4280, -12.5360, 7.5176
Hunter-Lab	96.1459, -6.6952, 17.2297

Details

The CIELCh color **97, 13.550, 96.601** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **91, 13.705, 279.934**, 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, 13.624, 97.365** is the 20% darker color. If you saturate the color by 10%, you get **95, 23.809, 95.388**, and if you desaturate by 10%, it is **99, 3.389, 97.754**.

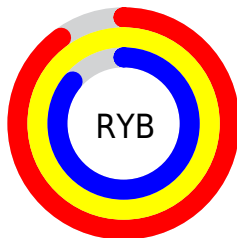
Distribution



Red (100%)

Green (96%)

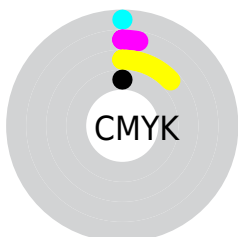
Blue (86%)



Red (90%)

Yellow (100%)

Blue (86%)

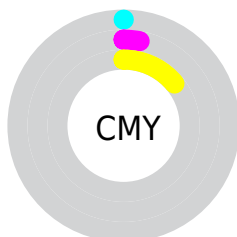


Cyan (0%)

Magenta (3%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 13.550, 96.601 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, 13.550, 96.601 by changing the saturation by 10% instead.

 97, 13.550, 96.601

 97, 13.550, 96.601

 100, 13.550,
96.601

 87, 13.550, 96.601

 77, 13.550, 96.601

 67, 13.550, 96.601

 57, 13.550, 96.601

 47, 13.550, 96.601

 37, 13.550, 96.601

 27, 13.550, 96.601

 17, 13.550, 96.601

 7, 13.550, 96.601

97, 13.550, 96.601

97, 13.550, 96.601

95, 23.809, 95.388

99, 3.389, 97.754

93, 34.110, 94.127

100, 0.227,
202.311

91, 44.360, 92.836

89, 54.381, 91.518

88, 63.861, 90.169

86, 72.279, 88.770

84, 78.871, 87.271

83, 82.785, 85.585

82, 83.952, 84.342

Harmonies

Complementary

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



97, 13.550, 96.601



91, 13.705, 279.934

Rectangle

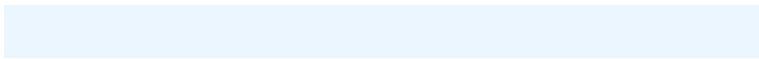
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 13.550, 96.601



97, 13.550, 146.601



97, 13.550, 276.601



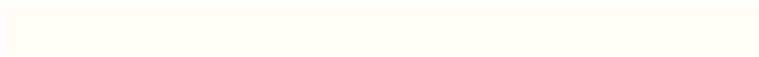
97, 13.550, 326.601

Sweetspot

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



97, 13.552, 96.611



99, 4.033, 97.691



91, 13.110, 0.800



53, 2.869, 97.611



0, 0.000, 0.000



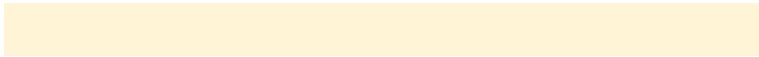
53, 0.007, 296.813

Same Dimension

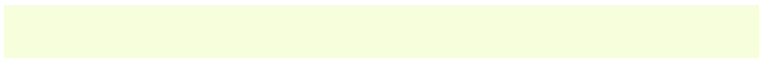
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 13.552, 96.611



97, 16.274, 96.294



98, 17.525, 119.071



52, 5.760, 97.070



63, 67.847, 84.709



21, 29.738, 87.058

Inverse Universe

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



91, 13.705, 279.934



89, 16.489, 280.312



89, 18.012, 300.811



50, 5.812, 279.409



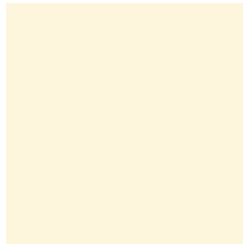
29, 90.717, 301.262



6, 36.278, 296.453

Previews

White Background



This preview shows how the CIE LCh color 97, 13.550, 96.601 looks on a white background.

Color Contrast Check

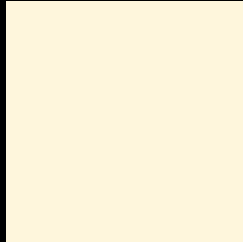
Large Text (above 18pt) WCAG AA × Fail

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, 13.550, 96.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

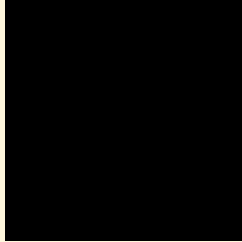
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 13.550, 96.601

Background



This preview shows how black text looks on a background with the CIELCh color 97, 13.550, 96.601.

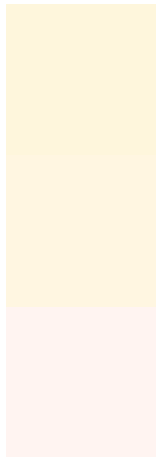


This preview shows how white text looks on a background with the CIELCh color 97, 13.550, 96.601.

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, 13.550, 96.601

Protanopia

97, 11.173, 92.222

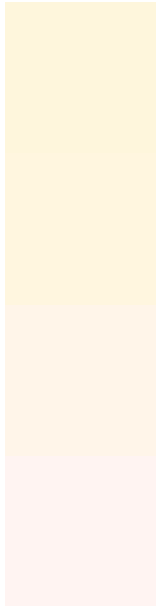
Deuteranopia

97, 4.197, 40.844



Tritanopia
97, 7.476, 324.660

Trichromacy



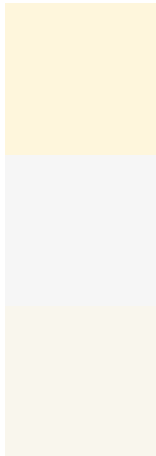
Original Color
97, 13.550, 96.601

Protanomaly
97, 12.154, 93.514

Deuteranomaly
97, 7.081, 79.029

Tritanomaly
97, 4.038, 34.110

Monochromacy



Original Color
97, 13.550, 96.601

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.696, 96.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 13.550, 96.601 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(254, 246, 220)` looks like.

```
.text, #text, p{  
    color:rgb(254, 246, 220)  
}
```

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(254, 246, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 246, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 13.550, 96.601 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(254, 246, 220) }
```

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

```
.border{ border-color:rgb(254, 246, 220) }
```

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

Here you see how a box with a 4 pixel rgb(254, 246, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 246, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 246, 220);  
box-shadow:4px 4px 4px 4px rgb(254, 246,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 13.550, 96.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 246, 220) }
```

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

```
.background{ background-color: rgb(254,  
246, 220) }
```

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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