

Converting Colors

CIELCh(97, 4.362, 114.374)

Have a look what the booklet for
CIELCh(97, 4.362, 114.374) contains.

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Color

CIELCh(97, 4.090, 114.830)

Conversions

Conversions Part 1

Format	Color
Hex	F6F7EF
RGB	246, 247, 239
RGB Percent	96%, 97%, 94%
CMY	0.0349, 0.0309, 0.0623
CMYK	0.00, 0.00, 0.03, 0.03
HSL	68°, 34%, 95%
HSV	68°, 3%, 97%
XYZ	86.9356, 92.4403, 95.0077
YIQ	245.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

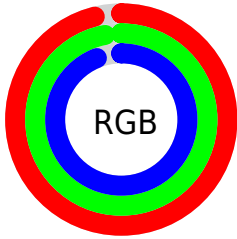
Format	Color
R_{YB}	239, 247, 240
Decimal	16185327
CIE Lab	97.00, -1.72, 3.71
CIE LCh	97, 4.090, 114.830
Yxy	92.4403, 0.3168, 0.3369
Android (android.graphics.Color)	4294375407 (0xFF6F7EF)
YUV	245.7890, -3.3470, 0.1850
Hunter-Lab	96.1459, -6.8548, 8.7140

Details

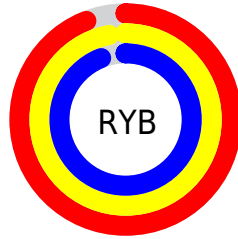
The CIELCh color **97, 4.090, 114.830** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 4.142, 295.364**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 4.295, 114.762** is the 20% darker color. If you saturate the color by 10%, you get **96, 16.730, 114.069**, and if you desaturate by 10%, it is **98, 4.110, 300.694**.

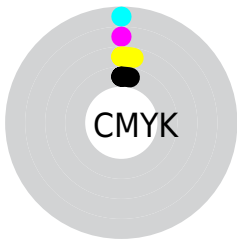
Distribution



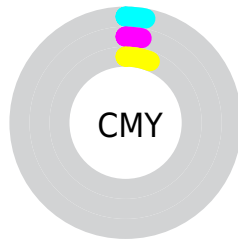
- Red (96%)
- Green (97%)
- Blue (94%)



- Red (94%)
- Yellow (97%)
- Blue (94%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.090, 114.830 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, 4.090, 114.830 by changing the saturation by 10% instead.

 97, 4.090, 114.830

 97, 4.090, 114.830

 100, 4.090,
114.830

 87, 4.090, 114.830

 77, 4.090, 114.830

 67, 4.090, 114.830

 57, 4.090, 114.830

 47, 4.090, 114.830

 37, 4.090, 114.830

 27, 4.090, 114.830

 17, 4.090, 114.830

 7, 4.090, 114.830

97, 4.090, 114.830

97, 4.090, 114.830

96, 16.730,
114.069

98, 4.110, 300.694

95, 29.259,
113.276

98, 4.443, 314.514

95, 41.571,
112.492

98, 4.908, 324.550

94, 53.497,
111.742

94, 64.783,
111.064

93, 75.047,
110.509

93, 83.765,
110.144

93, 90.332,
110.046

■ 92, 94.294,
110.280

Harmonies

Complementary

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



97, 4.090, 114.830



95, 4.142, 295.364

Rectangle

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



97, 4.090, 114.830



97, 4.090, 164.830



97, 4.090, 294.830



97, 4.090, 344.830

Sweetspot

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



97, 4.092, 114.849



100, 1.288, 115.012



95, 2.553, 30.107



53, 0.732, 115.015



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, 4.092, 114.849



100, 5.186, 114.791



97, 4.454, 132.945



51, 3.565, 114.734



72, 77.340, 110.474



23, 33.401, 110.041

Inverse Universe

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



95, 4.142, 295.364



97, 5.252, 295.425



95, 4.489, 313.130



49, 3.614, 295.485



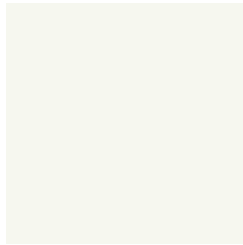
23, 104.866, 306.741



3, 40.282, 302.635

Previews

White Background



This preview shows how the CIE LCh color 97, 4.090, 114.830 looks on a white background.

Color Contrast Check

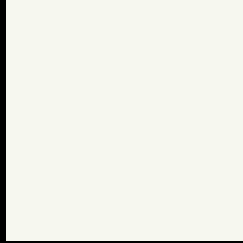
Large Text (above 18pt) WCAG AA × Fail

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, 4.090, 114.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

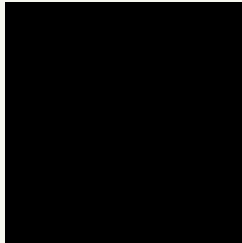
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

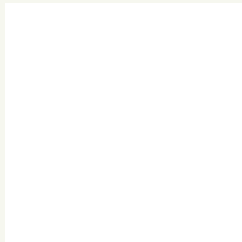
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.090, 114.830

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.090, 114.830.

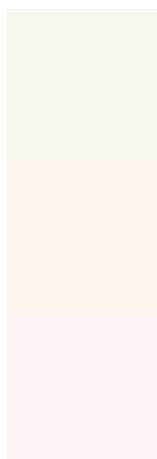


This preview shows how white text looks on a background with the CIELCh color 97, 4.090, 114.830.

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, 4.090, 114.830

Protanopia

97, 4.552, 70.924

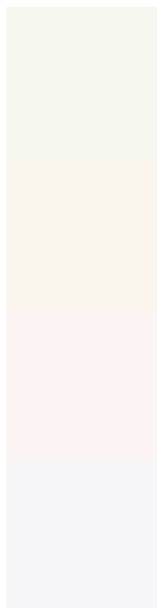
Deuteranopia

97, 3.938, 12.069



Tritanopia
97, 5.242, 302.017

Trichromacy



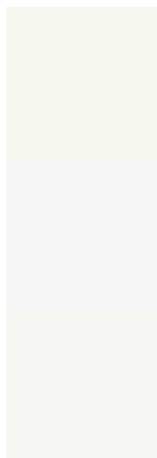
Original Color
97, 4.090, 114.830

Protanomaly
97, 4.302, 90.464

Deuteranomaly
97, 2.672, 41.734

Tritanomaly
97, 1.588, 303.068

Monochromacy



Original Color
97, 4.090, 114.830

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.521, 110.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.090, 114.830 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(246, 247, 239)` looks like.

```
.text, #text, p{  
    color:rgb(246, 247, 239)  
}
```

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(246, 247, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 247, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.090, 114.830 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(246, 247, 239) }
```

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

```
.border{ border-color:rgb(246, 247, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 247, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 247, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 247, 239);  
box-shadow:4px 4px 4px 4px rgb(246, 247,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.090, 114.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 247, 239) }
```

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

```
.background{ background-color: rgb(246,  
247, 239) }
```

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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