

Converting Colors

CIELCh(97, 4.922, 116.754)

Have a look what the booklet for
CIELCh(97, 4.922, 116.754) contains.

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Color

CIELCh(97, 4.599, 114.248)

Conversions

Conversions Part 1

Format	Color
Hex	F6F7EE
RGB	246, 247, 238
RGB Percent	96%, 97%, 93%
CMY	0.0346, 0.0306, 0.0660
CMYK	0.00, 0.00, 0.04, 0.03
HSL	67°, 37%, 95%
HSV	67°, 4%, 97%
XYZ	86.8436, 92.4403, 94.2917
YIQ	245.6750, 2.2930, -3.0110

Conversions

Conversions Part 2

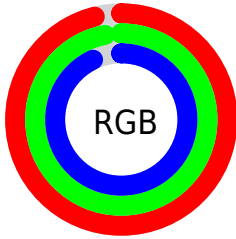
Format	Color
R _Y B	238, 247, 239
Decimal	16185326
CIE Lab	97.00, -1.89, 4.19
CIE LCh	97, 4.599, 114.248
Yxy	92.4403, 0.3174, 0.3379
Android (android.graphics.Color)	4294375406 (0xFF6F7EE)
YUV	245.6750, -3.7838, 0.2850
Hunter-Lab	96.1459, -7.0255, 9.1555

Details

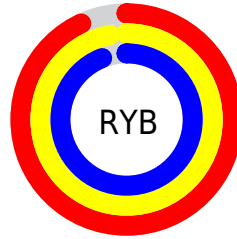
The CIELCh color `97, 4.599, 114.248` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 4.658, 294.860`, and the grayscale version is `97, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `77, 4.828, 114.170` is the 20% darker color. If you saturate the color by 10%, you get `96, 17.226, 113.465`, and if you desaturate by 10%, it is `98, 4.054, 299.123`.

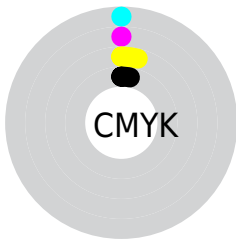
Distribution



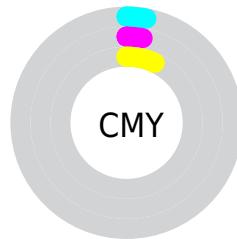
- Red (96%)
- Green (97%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (94%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.599, 114.248 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, 4.599, 114.248 by changing the saturation by 10% instead.

 97, 4.599, 114.248

 97, 4.599, 114.248

 100, 4.599,
114.248

 87, 4.599, 114.248

 77, 4.599, 114.248

 67, 4.599, 114.248

 57, 4.599, 114.248

 47, 4.599, 114.248

 37, 4.599, 114.248

 27, 4.599, 114.248

 17, 4.599, 114.248

 7, 4.599, 114.248

97, 4.599, 114.248

97, 4.599, 114.248

96, 17.226,
113.465

98, 4.054, 299.123

96, 29.738,
112.653

98, 4.315, 311.806

95, 42.026,
111.851

98, 4.759, 322.646

94, 53.919,
111.084


98, 4.865, 324.548

94, 65.157,
110.389

94, 75.351,
109.816

93, 83.971,
109.431

93, 90.410,
109.307

 93, 94.229,
109.502

Harmonies

Complementary

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



97, 4.599, 114.248



94, 4.658, 294.860

Rectangle

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



97, 4.599, 114.248



97, 4.599, 164.248



97, 4.599, 294.248



97, 4.599, 344.248

Sweetspot

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



97, 4.601, 114.266



100, 1.287, 114.460



95, 2.918, 28.469



53, 0.731, 114.463



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, 4.601, 114.266



100, 5.182, 114.237



97, 4.992, 132.368



51, 3.562, 114.180



72, 77.173, 109.652



23, 33.351, 109.295

Inverse Universe

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



94, 4.658, 294.860



97, 5.248, 294.890



95, 5.032, 312.600



49, 3.611, 294.951



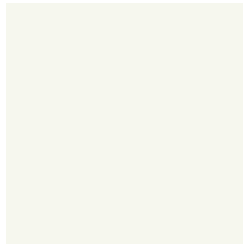
23, 104.984, 306.669



3, 40.239, 302.327

Previews

White Background



This preview shows how the CIE LCh color 97, 4.599, 114.248 looks on a white background.

Color Contrast Check

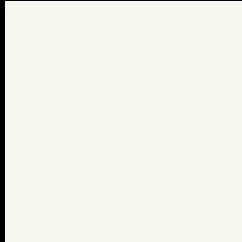
Large Text (above 18pt) WCAG AA × Fail

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, 4.599, 114.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

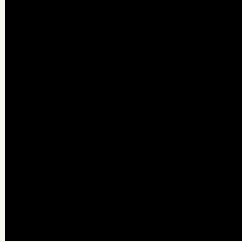
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

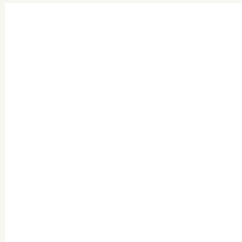
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.599, 114.248

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.599, 114.248.

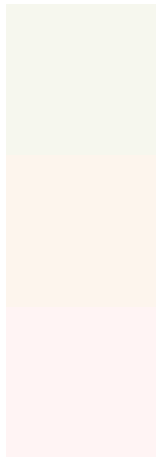


This preview shows how white text looks on a background with the CIELCh color 97, 4.599, 114.248.

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, 4.599, 114.248

Protanopia

97, 4.963, 74.558

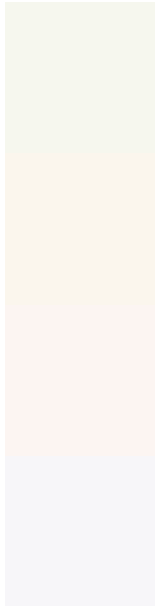
Deuteranopia

97, 3.905, 19.499



Tritanopia
97, 5.242, 302.017

Trichromacy



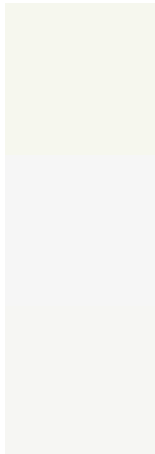
Original Color
97, 4.599, 114.248

Protanomaly
97, 4.904, 88.413

Deuteranomaly
97, 2.903, 51.088

Tritanomaly
97, 1.588, 303.068

Monochromacy



Original Color
97, 4.599, 114.248

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, 4.599, 114.248 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(246, 247, 238)  
}
```

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, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 247, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.599, 114.248 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, 238) }
```

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

```
.border{ border-color:rgb(246, 247, 238) }
```

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, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 247, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 247, 238);  
box-shadow:4px 4px 4px 4px rgb(246, 247,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.599, 114.248 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, 238) }
```

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

```
.background{ background-color: rgb(246,  
247, 238) }
```

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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