

Converting Colors

CIELCh(97, 61.636, 104.923)

Have a look what the booklet for
CIELCh(97, 61.636, 104.923)
contains.

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Color

CIELCh(97, 61.409, 104.679)

Conversions

Conversions Part 1

Format	Color
Hex	FEFC7F
RGB	254, 252, 127
RGB Percent	100%, 99%, 50%
CMY	0.0029, 0.0107, 0.5010
CMYK	0.00, 0.01, 0.50, 0.00
HSL	59°, 99%, 75%
HSV	59°, 50%, 100%
XYZ	79.7067, 92.4403, 33.8023
YIQ	238.3480, 41.3170, -38.4510

Conversions

Conversions Part 2

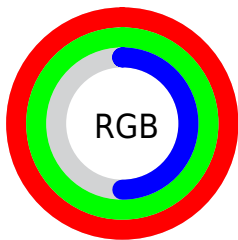
Format	Color
RYB	129, 254, 127
Decimal	16710783
CIELab	97.00, -15.56, 59.40
CIELCh	97, 61.409, 104.679
Yxy	92.4403, 0.3870, 0.4488
Android (android.graphics.Color)	4294900863 (0xFFFEFC7F)
YUV	238.3480, -54.8946, 13.7268
Hunter-Lab	96.1459, -20.2755, 46.4573

Details

The CIELCh color **97, 61.409, 104.679** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **59, 70.429, 297.022**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 36.662, 107.383**, and **77, 61.569, 104.848** is the 20% darker color. If you saturate the color by 10%, you get **97, 72.114, 103.829**, and if you desaturate by 10%, it is **97, 49.815, 105.609**.

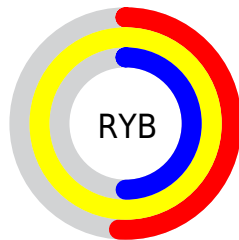
Distribution



Red (100%)

Green (99%)

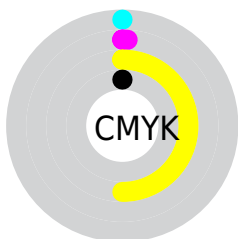
Blue (50%)



Red (51%)

Yellow (100%)

Blue (50%)

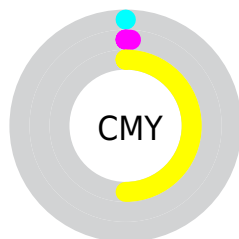


Cyan (0%)

Magenta (1%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 61.409, 104.679 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, 61.409, 104.679 by changing the saturation by 10% instead.


 97, 61.409,
104.679


 97, 61.409,
104.679


 100, 61.409,
104.679


 87, 61.409,
104.679

 77, 61.409,
104.679

 67, 61.409,
104.679

 57, 61.409,
104.679

 47, 61.409,
104.679

 37, 61.409,
104.679

 27, 61.409,

104.679

■ 17, 61.409,
104.679

■ 7, 61.409, 104.679

■ 97, 61.409,
104.679

■ 97, 61.409,
104.679

■ 97, 72.114,
103.829

■ 97, 49.815,
105.609

■ 96, 81.423,
103.087

■ 98, 37.680,
106.581

■ 96, 88.710,
102.495

■ 98, 25.233,
107.572

■ 96, 93.403,
102.083

■ 99, 12.620,
108.563

■ 96, 95.542,
101.838

100, 0.067,
290.810

■ 96, 95.549,
101.837

100, 0.227,
252.369

100, 0.255,
201.984

Harmonies

Complementary

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



97, 61.409, 104.679



59, 70.429, 297.022

Rectangle

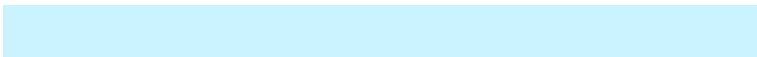
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 61.409, 104.679



97, 61.409, 154.679



97, 61.409, 284.679



97, 61.409, 334.679

Sweetspot

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



97, 61.410, 104.682



99, 19.040, 108.064



68, 53.028, 24.049



53, 12.983, 107.855



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

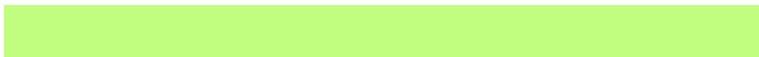
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 61.410, 104.682



97, 72.325, 103.825



93, 67.028, 126.144



53, 7.224, 108.607



74, 77.144, 101.855



26, 35.090, 102.132

Inverse Universe

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



59, 70.429, 297.022



52, 86.414, 299.235



64, 72.475, 311.122



49, 7.382, 290.554



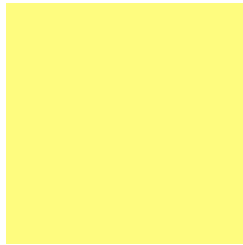
23, 107.068, 306.105



4, 43.628, 301.501

Previews

White Background



This preview shows how the CIELCh color 97, 61.409, 104.679 looks on a white background.

Color Contrast Check

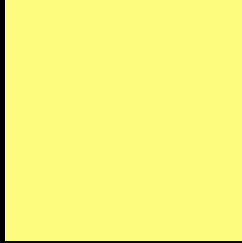
Large Text (above 18pt) WCAG AA × Fail

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, 61.409, 104.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

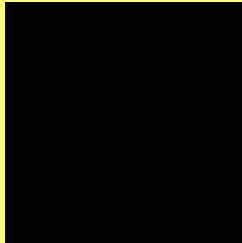
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 61.409, 104.679

Background



This preview shows how black text looks on a background with the CIELCh color 97, 61.409, 104.679.

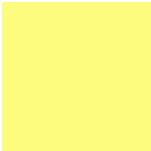
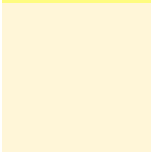
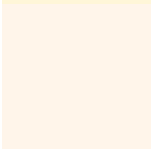


This preview shows how white text looks on a background with the CIELCh color 97, 61.409, 104.679.

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](#).

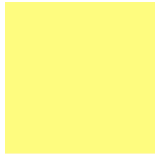
Dichromacy

	Original Color 97, 61.409, 104.679
	Protanopia 97, 15.619, 96.669
	Deuteranopia 97, 6.644, 76.862



Tritanopia
97, 5.567, 339.698

Trichromacy



Original Color
97, 61.409, 104.679



Protanomaly
97, 32.479, 102.891



Deuteranomaly
97, 26.992, 102.428

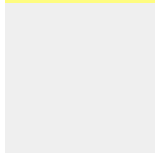


Tritanomaly
97, 21.115, 99.331

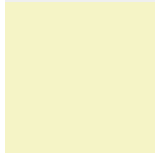
Monochromacy



Original Color
97, 61.409, 104.679



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 23.419, 107.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 61.409, 104.679 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, 252, 127)` looks like.

```
.text, #text, p{  
    color:rgb(254, 252, 127)  
}
```

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, 252, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 252, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 61.409, 104.679 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, 252, 127) }
```

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

```
.border{ border-color:rgb(254, 252, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 252, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 252, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 252, 127);  
box-shadow:4px 4px 4px 4px rgb(254, 252,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 61.409, 104.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 252, 127) }
```

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

```
.background{ background-color: rgb(254,  
252, 127) }
```

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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