

Converting Colors

CIELCh(97, 61.826, 105.618)

Have a look what the booklet for
CIELCh(97, 61.826, 105.618)
contains.

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Color

CIELCh(97, 61.822, 105.793)

Conversions

Conversions Part 1

Format	Color
Hex	FCFD7F
RGB	252, 253, 127
RGB Percent	99%, 99%, 50%
CMY	0.0119, 0.0080, 0.5021
CMYK	0.00, 0.00, 0.50, 0.01
HSL	60°, 97%, 74%
HSV	60°, 50%, 99%
XYZ	79.0672, 92.4403, 33.7397
YIQ	238.3370, 39.8500, -39.3980

Conversions

Conversions Part 2

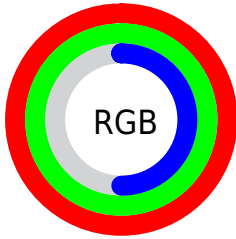
Format	Color
RYB	127, 253, 128
Decimal	16579967
CIELab	97.00, -16.83, 59.49
CIELCh	97, 61.822, 105.793
Yxy	92.4403, 0.3852, 0.4504
Android (android.graphics.Color)	4294770047 (0xFFFCFD7F)
YUV	238.3370, -54.8891, 11.9825
Hunter-Lab	96.1459, -21.4628, 46.4959

Details

The CIELCh color **97, 61.822, 105.793** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **59, 71.118, 297.741**, 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, 61.994, 106.025** is the 20% darker color. If you saturate the color by 10%, you get **97, 72.595, 104.990**, and if you desaturate by 10%, it is **97, 50.141, 106.684**.

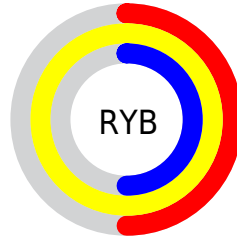
Distribution



Red (99%)

Green (99%)

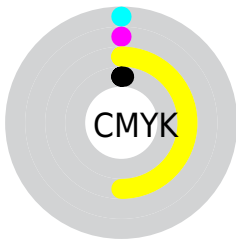
Blue (50%)



Red (50%)

Yellow (99%)

Blue (50%)

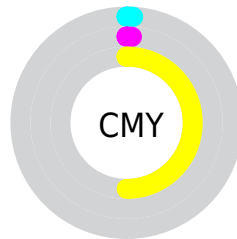


Cyan (0%)

Magenta (0%)

Yellow (50%)

Black (1%)



Cyan (1%)


Magenta (1%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 61.822, 105.793 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, 61.822, 105.793 by changing the saturation by 10% instead.


 97, 61.822,
105.793


 97, 61.822,
105.793


 100, 61.822,
105.793


 87, 61.822,
105.793

 77, 61.822,
105.793

 67, 61.822,
105.793

 57, 61.822,
105.793

 47, 61.822,
105.793

 37, 61.822,
105.793

 27, 61.822,

105.793

■ 17, 61.822,
105.793

■ 7, 61.822, 105.793

■ 97, 61.822,
105.793

■ 97, 61.822,
105.793

■ 97, 72.595,
104.990

■ 97, 50.141,
106.684

■ 97, 81.958,
104.307

■ 98, 37.899,
107.623

■ 96, 89.298,
103.791

■ 98, 25.329,
108.585

■ 96, 94.064,
103.479

■ 99, 12.579,
109.549

96, 96.298,
103.360

99, 0.256, 290.798

96, 96.331,
103.358

99, 1.051, 294.252

99, 1.059, 298.060

99, 1.072, 301.795

99, 1.089, 305.429

Harmonies

Complementary

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



97, 61.822, 105.793



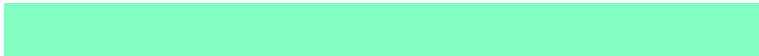
59, 71.118, 297.741

Rectangle

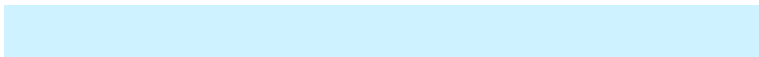
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 61.822, 105.793



97, 61.822, 155.793



97, 61.822, 285.793



97, 61.822, 335.793

Sweetspot

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



97, 61.823, 105.796



99, 19.337, 109.049



68, 52.929, 25.204



53, 13.184, 108.846



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, 61.823, 105.796



97, 73.258, 104.973



93, 66.869, 126.748



53, 7.338, 109.578



75, 78.063, 103.350



26, 35.523, 103.438

Inverse Universe

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



59, 71.118, 297.741



51, 87.863, 299.912



64, 72.047, 311.624



49, 7.504, 291.475



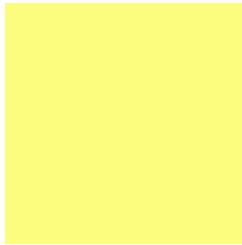
23, 107.741, 306.310



3, 44.147, 301.923

Previews

White Background



This preview shows how the CIELCh color 97, 61.822, 105.793 looks on a white background.

Color Contrast Check

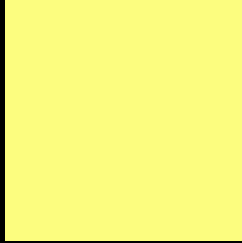
Large Text (above 18pt) WCAG AA × Fail

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, 61.822, 105.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

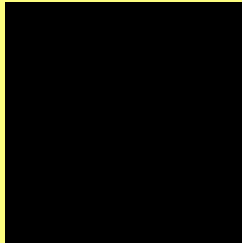
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 61.822, 105.793

Background



This preview shows how black text looks on a background with the CIELCh color 97, 61.822, 105.793.

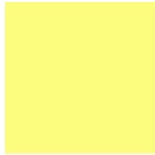


This preview shows how white text looks on a background with the CIELCh color 97, 61.822, 105.793.

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](#).

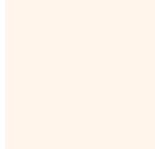
Dichromacy



Original Color
97, 61.822, 105.793



Protanopia
97, 16.117, 96.999



Deuteranopia
97, 6.644, 76.862

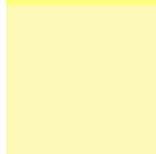


Tritanopia
97, 5.909, 335.926

Trichromacy



Original Color
97, 61.822, 105.793



Protanomaly
97, 33.394, 104.280



Deuteranomaly
97, 26.958, 103.236

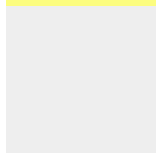


Tritanomaly
97, 20.992, 101.374

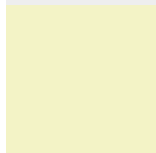
Monochromacy



Original Color
97, 61.822, 105.793



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 22.930, 108.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 61.822, 105.793 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(252, 253, 127)` looks like.

```
.text, #text, p{  
    color:rgb(252, 253, 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(252, 253, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 253, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 61.822, 105.793 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(252, 253, 127) }
```

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

```
.border{ border-color:rgb(252, 253, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 253, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 253, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 253, 127);  
box-shadow:4px 4px 4px 4px rgb(252, 253,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 61.822, 105.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 253, 127) }
```

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

```
.background{ background-color: rgb(252,  
253, 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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