

Converting Colors

CIELCh(97, 73.323, 107.064)

Have a look what the booklet for
CIELCh(97, 73.323, 107.064)
contains.

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Color

CIELCh(97, 73.328, 107.140)

Conversions

Conversions Part 1

Format	Color
Hex	F7FF66
RGB	247, 255, 102
RGB Percent	97%, 100%, 40%
CMY	0.0305, 0.0000, 0.5991
CMYK	0.03, 0.00, 0.60, 0.00
HSL	63°, 100%, 70%
HSV	63°, 60%, 100%
XYZ	76.6782, 92.4403, 26.4276
YIQ	235.1660, 44.3450, -49.2790

Conversions

Conversions Part 2

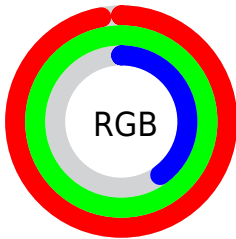
Format	Color
RYB	102, 255, 110
Decimal	16252774
CIELab	97.00, -21.61, 70.07
CIELCh	97, 73.328, 107.140
Yxy	92.4403, 0.3921, 0.4727
Android (android.graphics.Color)	4294442854 (0xFFFF7FF66)
YUV	235.1660, -65.6508, 10.3784
Hunter-Lab	96.1459, -25.8981, 51.0051

Details

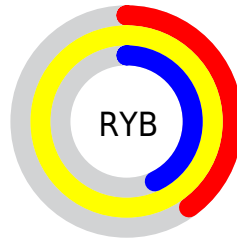
The CIELCh color **97, 73.328, 107.140** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **52, 87.602, 300.748**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 48.317, 106.483**, and **77, 73.258, 106.866** is the 20% darker color. If you saturate the color by 10%, you get **97, 82.658, 106.489**, and if you desaturate by 10%, it is **97, 62.395, 107.805**.

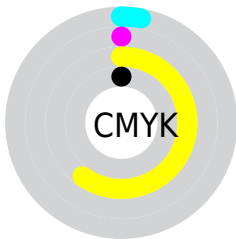
Distribution



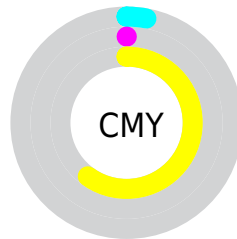
- Red (97%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (43%)



- Cyan (3%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 73.328, 107.140 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, 73.328, 107.140 by changing the saturation by 10% instead.


 97, 73.328,
107.140


 97, 73.328,
107.140


 100, 73.328,
107.140


 87, 73.328,
107.140

 77, 73.328,
107.140

 67, 73.328,
107.140

 57, 73.328,
107.140

 47, 73.328,
107.140

 37, 73.328,
107.140

 27, 73.328,

107.140

■ 17, 73.328,
107.140

■ 7, 73.328, 107.140

■ 97, 73.328,
107.140

■ 97, 73.328,
107.140

■ 97, 82.658,
106.489

■ 97, 62.395,
107.805

■ 96, 90.044,
106.098

■ 98, 50.636,
108.624

■ 96, 94.840,
105.953

■ 98, 38.311,
109.498

■ 96, 97.098,
106.050

■ 99, 25.652,
110.395

96, 97.113,
106.052

99, 12.808,
111.294

100, 0.012,
296.813

Harmonies

Complementary

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



97, 73.328, 107.140



52, 87.602, 300.748

Rectangle

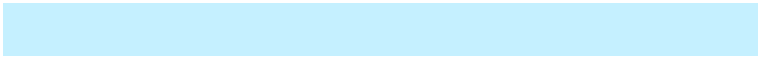
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 73.328, 107.140



97, 73.328, 157.140



97, 73.328, 287.140



97, 73.328, 337.140

Sweetspot

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



97, 73.236, 107.076



99, 23.204, 110.567



64, 63.495, 30.394



53, 16.104, 110.305



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, 73.236, 107.076



97, 84.388, 106.389



92, 80.648, 128.135



53, 7.345, 111.331



74, 78.214, 105.997



26, 35.556, 105.807

Inverse Universe

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



52, 87.602, 300.748



44, 106.393, 303.107



59, 87.226, 313.577



49, 7.512, 293.088



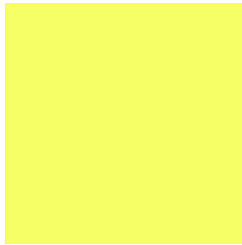
23, 107.528, 306.431



4, 44.250, 302.780

Previews

White Background



This preview shows how the CIELCh color 97, 73.328, 107.140 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, 73.328, 107.140 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, 73.328, 107.140

Background



This preview shows how black text looks on a background with the CIELCh color 97, 73.328, 107.140.



This preview shows how white text looks on a background with the CIELCh color 97, 73.328, 107.140.

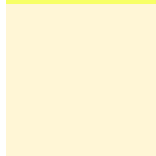
Color Blindness Simulation

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](#).

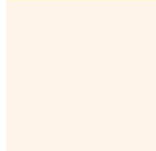
Dichromacy




Original Color
97, 73.328, 107.140



Protanopia
97, 16.616, 97.306

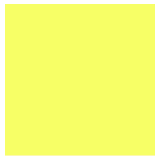


Deuteranopia
97, 6.852, 74.297



Tritanopia
97, 6.894, 331.898

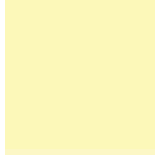
Trichromacy



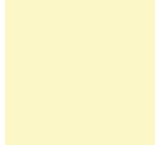
Original Color
97, 73.328, 107.140



Protanomaly
97, 38.306, 105.454

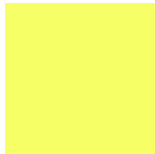


Deuteranomaly
97, 31.905, 104.936

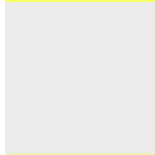


Tritanomaly
97, 24.940, 103.890

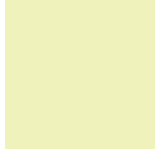
Monochromacy



Original Color
97, 73.328, 107.140



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 28.027, 110.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 73.328, 107.140 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(247, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 102)  
}
```

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(247, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 73.328, 107.140 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(247, 255, 102) }
```

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

```
.border{ border-color:rgb(247, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 73.328, 107.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 102) }
```

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

```
.background{ background-color: rgb(247,  
255, 102) }
```

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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