

Converting Colors

CIELCh(97, 73.315, 106.912)

Have a look what the booklet for
CIELCh(97, 73.315, 106.912)
contains.

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Color

CIELCh(97, 73.310, 106.821)

Conversions

Conversions Part 1

Format	Color
Hex	F8FF66
RGB	248, 255, 102
RGB Percent	97%, 100%, 40%
CMY	0.0274, 0.0000, 0.6000
CMYK	0.03, 0.00, 0.60, 0.00
HSL	63°, 100%, 70%
HSV	63°, 60%, 100%
XYZ	76.8739, 92.4403, 26.3628
YIQ	235.4650, 44.9410, -49.0670

Conversions

Conversions Part 2

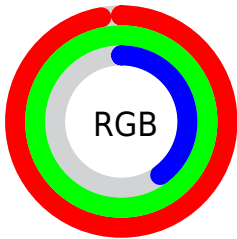
Format	Color
R_{YB}	102, 255, 109
Decimal	16318310
CIE _{Lab}	97.00, -21.21, 70.17
CIE _{LCh}	97, 73.310, 106.821
Yxy	92.4403, 0.3929, 0.4724
Android (android.graphics.Color)	4294508390 (0xFFFF8FF66)
YUV	235.4650, -65.7982, 10.9932
Hunter-Lab	96.1459, -25.5348, 51.0450

Details

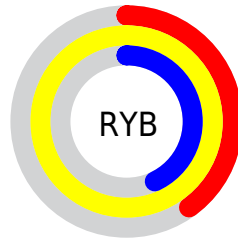
The CIELCh color **97, 73.310, 106.821** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **52, 87.747, 300.659**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 48.317, 106.483**, and **77, 73.230, 106.528** is the 20% darker color. If you saturate the color by 10%, you get **97, 82.710, 106.223**, and if you desaturate by 10%, it is **97, 62.478, 107.556**.

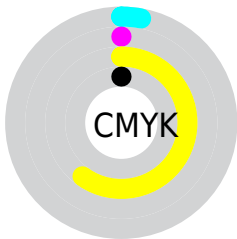
Distribution



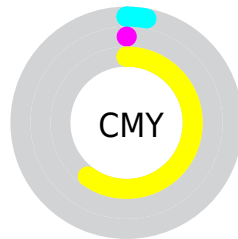
- Red (97%)
- Green (100%)
- Blue (40%)



- 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, 73.310, 106.821 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, 73.310, 106.821 by changing the saturation by 10% instead.


 97, 73.310,
106.821


 97, 73.310,
106.821


 100, 73.310,
106.821


 87, 73.310,
106.821

 77, 73.310,
106.821

 67, 73.310,
106.821

 57, 73.310,
106.821

 47, 73.310,
106.821

 37, 73.310,
106.821

 27, 73.310,

106.821

■ 17, 73.310,
106.821

■ 7, 73.310, 106.821

■ 97, 73.310,
106.821

■ 97, 73.310,
106.821

■ 97, 82.710,
106.223

■ 97, 62.478,
107.556

■ 97, 90.072,
105.819

■ 98, 50.727,
108.384

■ 96, 94.839,
105.657

■ 98, 38.407,
109.264

■ 96, 97.076,
105.730

■ 99, 25.752,
110.169

■ 96, 97.077,
105.730

■ 99, 12.912,
111.076

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, 73.310, 106.821



52, 87.747, 300.659

Rectangle

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



97, 73.310, 106.821



97, 73.310, 156.821



97, 73.310, 286.821



97, 73.310, 336.821

Sweetspot

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



97, 73.306, 106.820



99, 23.200, 110.351



64, 64.312, 29.465



53, 16.102, 110.086



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, 73.306, 106.820



97, 84.370, 106.124



92, 80.359, 127.572



53, 7.344, 111.121



74, 78.186, 105.681



26, 35.548, 105.524

Inverse Universe

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



52, 87.747, 300.659



43, 106.427, 303.035



59, 87.301, 313.088



49, 7.510, 292.894



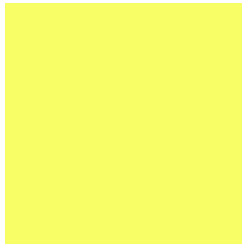
23, 107.553, 306.416



3, 44.238, 302.679

Previews

White Background



This preview shows how the CIELCh color 97, 73.310, 106.821 looks on a white background.

Color Contrast Check

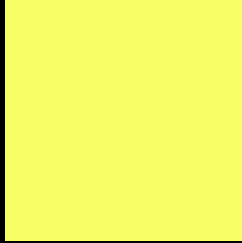
Large Text (above 18pt) WCAG AA × Fail

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, 73.310, 106.821 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, 73.310, 106.821

Background



This preview shows how black text looks on a background with the CIELCh color 97, 73.310, 106.821.

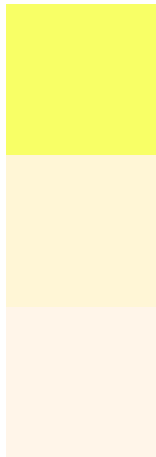


This preview shows how white text looks on a background with the CIELCh color 97, 73.310, 106.821.

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, 73.310, 106.821

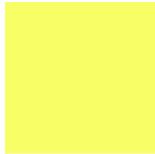
Protanopia
97, 16.616, 97.306

Deuteranopia
97, 7.081, 79.029

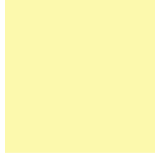


Tritanopia
97, 6.275, 332.584

Trichromacy



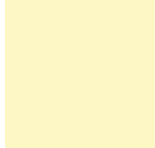
Original Color
97, 73.310, 106.821



Protanomaly
97, 38.306, 105.454

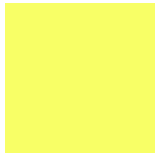


Deuteranomaly
97, 32.365, 105.628

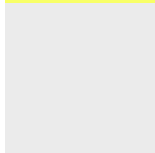


Tritanomaly
97, 25.443, 103.931

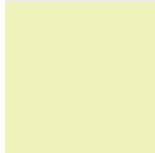
Monochromacy



Original Color
97, 73.310, 106.821



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 28.011, 109.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 73.310, 106.821 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(248, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 73.310, 106.821 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(248, 255, 102) }
```

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

```
.border{ border-color:rgb(248, 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(248, 255, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 73.310, 106.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 102) }
```

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

```
.background{ background-color: rgb(248,  
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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