

Converting Colors

CIELCh(97, 72.513, 103.979)

Have a look what the booklet for
CIELCh(97, 72.513, 103.979)
contains.

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Color

CIELCh(97, 72.484, 103.955)

Conversions

Conversions Part 1

Format	Color
Hex	FFFD66
RGB	255, 253, 102
RGB Percent	100%, 99%, 40%
CMY	0.0001, 0.0080, 0.6001
CMYK	0.00, 0.01, 0.60, 0.00
HSL	59°, 100%, 70%
HSV	59°, 60%, 100%
XYZ	78.7375, 92.4403, 26.2542
YIQ	236.3840, 49.6630, -46.5370

Conversions

Conversions Part 2

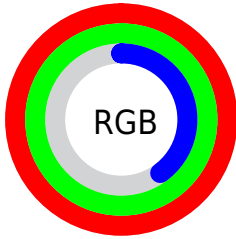
Format	Color
RYB	104, 255, 102
Decimal	16776550
CIELab	97.00, -17.48, 70.34
CIELCh	97, 72.484, 103.955
Yxy	92.4403, 0.3988, 0.4682
Android (android.graphics.Color)	4294966630 (0xFFFFFD66)
YUV	236.3840, -66.2513, 16.3262
Hunter-Lab	96.1459, -22.0750, 51.1120

Details

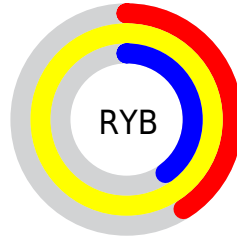
The CIELCh color **97, 72.484, 103.955** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **52, 86.670, 299.329**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 48.317, 106.483**, and **77, 72.487, 104.181** is the 20% darker color. If you saturate the color by 10%, you get **97, 81.816, 103.224**, and if you desaturate by 10%, it is **97, 61.747, 104.804**.

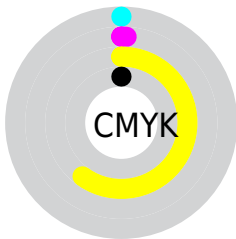
Distribution



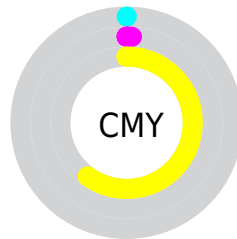
- Red (100%)
- Green (99%)
- Blue (40%)



- Red (41%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (1%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 72.484, 103.955 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, 72.484, 103.955 by changing the saturation by 10% instead.


 97, 72.484,
103.955


 97, 72.484,
103.955

 100, 72.484,
103.955


 87, 72.484,
103.955

 77, 72.484,
103.955

 67, 72.484,
103.955

 57, 72.484,
103.955

 47, 72.484,
103.955

 37, 72.484,
103.955

 27, 72.484,

103.955

■ 17, 72.484,
103.955

■ 7, 72.484, 103.955

■ 97, 72.484,
103.955

■ 97, 72.484,
103.955

■ 97, 81.816,
103.224

■ 97, 61.747,
104.804

■ 97, 89.112,
102.643

■ 98, 50.109,
105.727

■ 96, 93.805,
102.244

■ 98, 37.923,
106.694

■ 96, 95.946,
102.016

■ 99, 25.419,
107.683

■ 99, 12.746,
108.672

100, 0.004,
309.888

100, 0.016,
244.847

Harmonies

Complementary

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



97, 72.484, 103.955



52, 86.670, 299.329

Rectangle

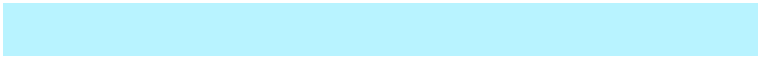
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 72.484, 103.955



97, 72.484, 153.955



97, 72.484, 283.955



97, 72.484, 333.955

Sweetspot

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



97, 72.485, 103.957



99, 22.890, 107.882



63, 65.288, 26.532



53, 15.888, 107.593



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, 72.485, 103.957



97, 83.463, 103.095



93, 79.237, 125.824



53, 7.243, 108.721



74, 77.301, 102.031



26, 35.166, 102.284

Inverse Universe

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



52, 86.670, 299.329



43, 105.386, 302.062



58, 87.217, 311.632



49, 7.404, 290.663



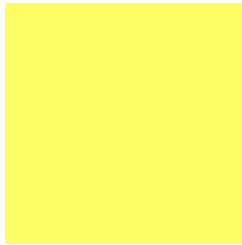
23, 107.191, 306.137



3, 43.715, 301.547

Previews

White Background



This preview shows how the CIELCh color 97, 72.484, 103.955 looks on a white background.

Color Contrast Check

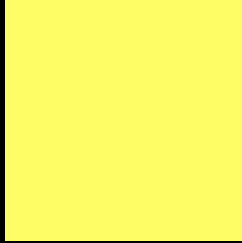
Large Text (above 18pt) WCAG AA × Fail

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, 72.484, 103.955 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, 72.484, 103.955

Background



This preview shows how black text looks on a background with the CIELCh color 97, 72.484, 103.955.



This preview shows how white text looks on a background with the CIELCh color 97, 72.484, 103.955.

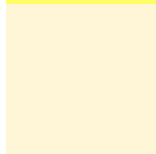
Color Blindness Simulation

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](#).

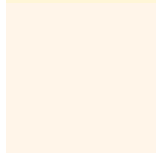
Dichromacy



Original Color
97, 72.484, 103.955



Protanopia
97, 16.117, 96.999



Deuteranopia
97, 7.081, 79.029



Tritanopia
97, 5.567, 339.698

Trichromacy



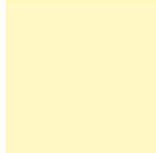
Original Color
97, 72.484, 103.955



Protanomaly
97, 37.869, 103.699



Deuteranomaly
97, 31.981, 102.862

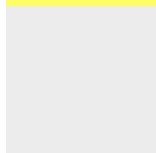


Tritanomaly
97, 26.052, 101.457

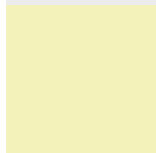
Monochromacy



Original Color
97, 72.484, 103.955



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 27.996, 107.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 72.484, 103.955 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(255, 253, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 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(255, 253, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 72.484, 103.955 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(255, 253, 102) }
```

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

```
.border{ border-color:rgb(255, 253, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 72.484, 103.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 102) }
```

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

```
.background{ background-color: rgb(255,  
253, 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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