

Converting Colors

CIELCh(97, 73.242, 104.583)

Have a look what the booklet for
CIELCh(97, 73.242, 104.583)
contains.

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Color

CIELCh(97, 72.877, 104.576)

Conversions

Conversions Part 1

Format	Color
Hex	FD65
RGB	253, 253, 101
RGB Percent	99%, 99%, 40%
CMY	0.0061, 0.0061, 0.6022
CMYK	0.00, 0.00, 0.60, 0.01
HSL	60°, 98%, 70%
HSV	60°, 60%, 99%
XYZ	78.3055, 92.4403, 26.1362
YIQ	235.6720, 48.7920, -47.2720

Conversions

Conversions Part 2

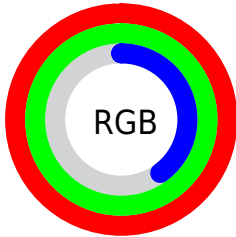
Format	Color
RYB	101, 253, 101
Decimal	16645477
CIELab	97.00, -18.34, 70.53
CIELCh	97, 72.877, 104.576
Yxy	92.4403, 0.3977, 0.4695
Android (android.graphics.Color)	4294835557 (0xFFFD65)
YUV	235.6720, -66.3933, 15.1967
Hunter-Lab	96.1459, -22.8769, 51.1848

Details

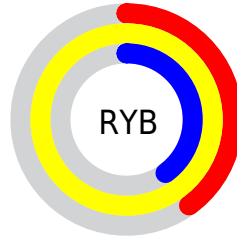
The CIELCh color **97, 72.877, 104.576** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **51, 87.416, 299.747**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 48.795, 106.446**, and **77, 73.061, 104.813** is the 20% darker color. If you saturate the color by 10%, you get **97, 82.224, 103.880**, and if you desaturate by 10%, it is **97, 62.110, 105.398**.

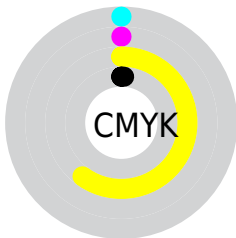
Distribution



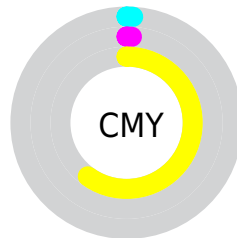
- Red (99%)
- Green (99%)
- Blue (40%)



- Red (40%)
- Yellow (99%)
- Blue (40%)



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



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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 72.877, 104.576 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, 72.877, 104.576 by changing the saturation by 10% instead.


 97, 72.877,
104.576


 97, 72.877,
104.576

 100, 72.877,
104.576


 87, 72.877,
104.576

 77, 72.877,
104.576

 67, 72.877,
104.576

 57, 72.877,
104.576

 47, 72.877,
104.576

 37, 72.877,
104.576

 27, 72.877,

104.576

■ 17, 72.877,
104.576

■ 7, 72.877, 104.576

■ 97, 72.877,
104.576

■ 97, 72.877,
104.576

■ 97, 82.224,
103.880

■ 97, 62.110,
105.398

■ 97, 89.530,
103.345

■ 98, 50.422,
106.298

■ 97, 94.251,
103.004

■ 98, 38.169,
107.249

■ 97, 96.455,
102.846

■ 98, 25.584,
108.223

97, 96.458,
102.846

99, 12.818,
109.201

99, 0.035, 292.405

100, 0.796,
290.276

100, 0.795,
290.219

100, 0.793,
290.161

Harmonies

Complementary

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



97, 72.877, 104.576



51, 87.416, 299.747

Rectangle

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



97, 72.877, 104.576



97, 72.877, 154.576



97, 72.877, 284.576



97, 72.877, 334.576

Sweetspot

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



97, 72.878, 104.578



99, 23.178, 108.417



63, 64.944, 26.520



53, 16.087, 108.132



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, 72.878, 104.578



97, 84.289, 103.756



92, 78.832, 125.825



53, 7.337, 109.247



75, 78.050, 102.846



26, 35.522, 102.989

Inverse Universe

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



51, 87.416, 299.747



43, 106.713, 302.430



58, 86.765, 311.630



49, 7.503, 291.170



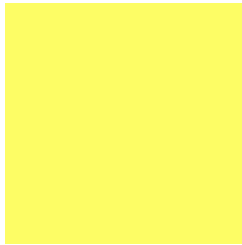
23, 107.777, 306.286



3, 44.124, 301.757

Previews

White Background



This preview shows how the CIELCh color 97, 72.877, 104.576 looks on a white background.

Color Contrast Check

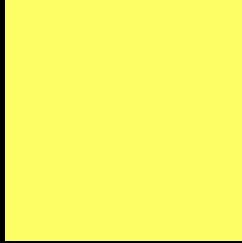
Large Text (above 18pt) WCAG AA × Fail

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, 72.877, 104.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

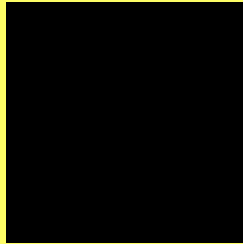
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 72.877, 104.576

Background



This preview shows how black text looks on a background with the CIELCh color 97, 72.877, 104.576.

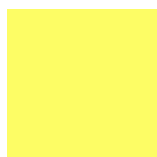


This preview shows how white text looks on a background with the CIELCh color 97, 72.877, 104.576.

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](#).

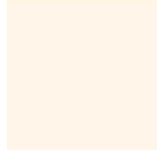
Dichromacy



Original Color
97, 72.877, 104.576



Protanopia
97, 16.117, 96.999

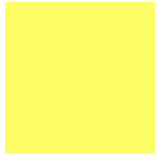


Deuteranopia
97, 7.081, 79.029



Tritanopia
97, 5.567, 339.698

Trichromacy



Original Color
97, 72.877, 104.576



Protanomaly
97, 37.846, 104.290

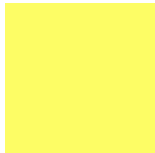


Deuteranomaly
97, 31.951, 103.553

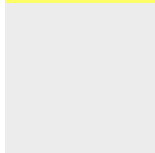


Tritanomaly
97, 26.010, 102.293

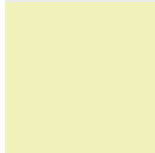
Monochromacy



Original Color
97, 72.877, 104.576



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 27.996, 107.964

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 72.877, 104.576 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(253, 253, 101)` looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 101)  
}
```

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(253, 253, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 253, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 72.877, 104.576 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(253, 253, 101) }
```

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

```
.border{ border-color:rgb(253, 253, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 253, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 253, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 253, 101);  
box-shadow:4px 4px 4px 4px rgb(253, 253,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 72.877, 104.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 253, 101) }
```

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

```
.background{ background-color: rgb(253,  
253, 101) }
```

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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