

Converting Colors

CIELCh(97, 84.227, 103.773)

Have a look what the booklet for
CIELCh(97, 84.227, 103.773)
contains.

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Color

CIELCh(97, 84.070, 103.759)

Conversions

Conversions Part 1

Format	Color
Hex	FEFE47
RGB	254, 254, 71
RGB Percent	100%, 100%, 28%
CMY	0.0038, 0.0038, 0.7214
CMYK	0.00, 0.00, 0.72, 0.00
HSL	60°, 99%, 64%
HSV	60°, 72%, 100%
XYZ	77.4792, 92.4403, 19.7271
YIQ	233.1380, 58.7430, -56.9130

Conversions

Conversions Part 2

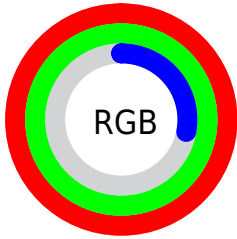
Format	Color
R_{YB}	71, 254, 71
Decimal	16711239
CIE _{Lab}	97.00, -20.00, 81.66
CIE _{LCh}	97, 84.070, 103.759
Yxy	92.4403, 0.4085, 0.4874
Android (android.graphics.Color)	4294901319 (0xFFFEFE47)
YUV	233.1380, -79.9340, 18.2960
Hunter-Lab	96.1459, -24.4110, 55.1370

Details

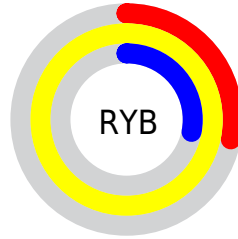
The CIELCh color **97, 84.070, 103.759** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **43, 106.447, 302.437**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 60.873, 105.518**, and **77, 80.149, 104.423** is the 20% darker color. If you saturate the color by 10%, you get **97, 90.894, 103.264**, and if you desaturate by 10%, it is **97, 75.075, 104.429**.

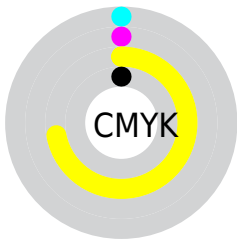
Distribution



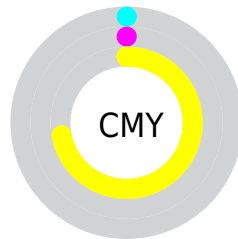
- Red (100%)
- Green (100%)
- Blue (28%)



- Red (28%)
- Yellow (100%)
- Blue (28%)



- Cyan (0%)
- Magenta (0%)
- Yellow (72%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 84.070, 103.759 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, 84.070, 103.759 by changing the saturation by 10% instead.


 97, 84.070,
103.759

 97, 84.070,
103.759

 100, 84.070,
103.759

 87, 84.070,
103.759

 77, 84.070,
103.759

 67, 84.070,
103.759

 57, 84.070,
103.759

 47, 84.070,
103.759

 37, 84.070,
103.759

 27, 84.070,

103.759

■ 17, 84.070,
103.759

■ 7, 84.070, 103.759

■ 97, 84.070,
103.759

■ 97, 84.070,
103.759

■ 97, 90.894,
103.264

■ 97, 75.075,
104.429

■ 97, 95.053,
102.966

■ 97, 64.533,
105.227

■ 97, 96.634,
102.854

■ 98, 52.978,
106.113

■ 98, 40.795,
107.056

■ 98, 28.240,
108.027

■ 99, 15.476,
109.006

■ 100, 2.611,
109.954

100, 0.497,
290.393

100, 0.497,
290.422

Harmonies

Complementary

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



97, 84.070, 103.759



43, 106.447, 302.437

Rectangle

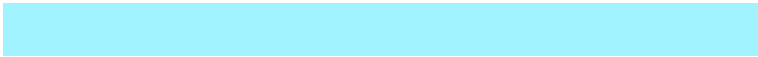
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 84.070, 103.759



97, 84.070, 153.759



97, 84.070, 283.759



97, 84.070, 333.759

Sweetspot

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



97, 84.070, 103.761



99, 28.283, 108.030



58, 80.030, 31.410



53, 18.977, 107.765



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, 84.070, 103.761



97, 93.150, 103.121



91, 92.044, 126.322



53, 7.338, 109.251



75, 78.056, 102.854



26, 35.525, 102.995

Inverse Universe

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



43, 106.447, 302.437



36, 124.845, 305.027



51, 102.785, 312.503



49, 7.504, 291.175



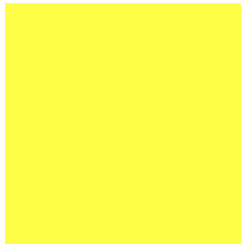
23, 107.781, 306.287



3, 44.127, 301.759

Previews

White Background



This preview shows how the CIELCh color 97, 84.070, 103.759 looks on a white background.

Color Contrast Check

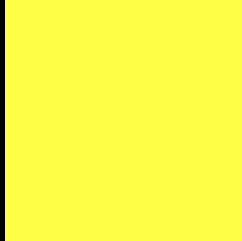
Large Text (above 18pt) WCAG AA × Fail

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, 84.070, 103.759 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, 84.070, 103.759

Background



This preview shows how black text looks on a background with the CIELCh color 97, 84.070, 103.759.



This preview shows how white text looks on a background with the CIELCh color 97, 84.070, 103.759.

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](#).

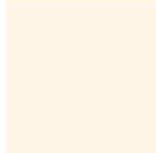
Dichromacy



Original Color
97, 84.070, 103.759



Protanopia
97, 16.616, 97.306

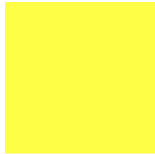


Deuteranopia
97, 7.081, 79.029

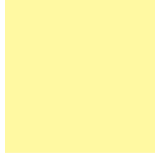


Tritanopia
97, 5.567, 339.698

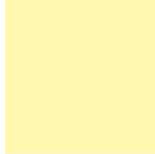
Trichromacy



Original Color
97, 84.070, 103.759



Protanomaly
97, 43.737, 103.675



Deuteranomaly
97, 37.429, 103.085

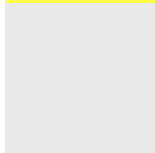


Tritanomaly
97, 31.542, 102.118

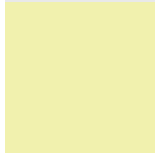
Monochromacy



Original Color
97, 84.070, 103.759



Achromatopsia
92, 0.011, 296.813



Achromatomaly
94, 34.031, 107.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 84.070, 103.759 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(254, 254, 71)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 71)  
}
```

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(254, 254, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 84.070, 103.759 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(254, 254, 71) }
```

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

```
.border{ border-color:rgb(254, 254, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 254, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 71);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 84.070, 103.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 254, 71) }
```

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

```
.background{ background-color: rgb(254,  
254, 71) }
```

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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