

Converting Colors

CIELCh(97, 79.427, 104.120)

Have a look what the booklet for
CIELCh(97, 79.427, 104.120)
contains.

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Color

CIELCh(97, 79.342, 104.108)

Conversions

Conversions Part 1

Format	Color
Hex	FEFE55
RGB	254, 254, 85
RGB Percent	100%, 100%, 33%
CMY	0.0047, 0.0047, 0.6675
CMYK	0.00, 0.00, 0.67, 0.00
HSL	60°, 99%, 66%
HSV	60°, 67%, 100%
XYZ	77.8058, 92.4403, 22.2934
YIQ	234.7340, 54.2490, -52.5590

Conversions

Conversions Part 2

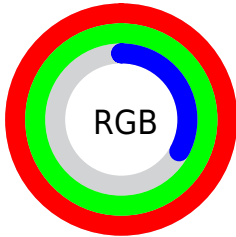
Format	Color
R_{YB}	85, 254, 85
Decimal	16711253
CIE _{Lab}	97.00, -19.34, 76.95
CIE _{LCh}	97, 79.342, 104.108
Yxy	92.4403, 0.4041, 0.4801
Android (android.graphics.Color)	4294901333 (0xFFFEFE55)
YUV	234.7340, -73.8189, 16.8963
Hunter-Lab	96.1459, -23.8046, 53.5545

Details

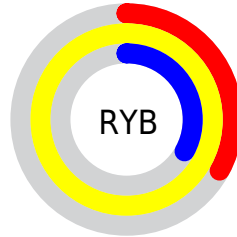
The CIELCh color **97, 79.342, 104.108** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **46, 98.009, 301.237**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 55.386, 105.939**, and **77, 79.440, 104.179** is the 20% darker color. If you saturate the color by 10%, you get **97, 87.420, 103.516**, and if you desaturate by 10%, it is **97, 69.438, 104.854**.

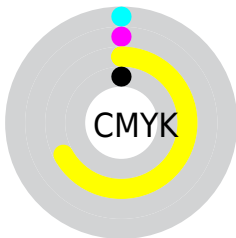
Distribution



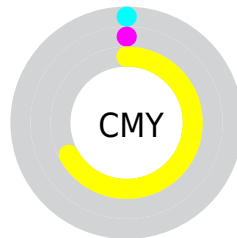
- Red (100%)
- Green (100%)
- Blue (33%)



- Red (33%)
- Yellow (100%)
- Blue (33%)



- Cyan (0%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)




- Cyan (0%)
- Magenta (0%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 79.342, 104.108 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, 79.342, 104.108 by changing the saturation by 10% instead.


 97, 79.342,
104.108


 97, 79.342,
104.108

 100, 79.342,
104.108

 87, 79.342,
104.108

 77, 79.342,
104.108

 67, 79.342,
104.108

 57, 79.342,
104.108

 47, 79.342,
104.108

 37, 79.342,
104.108

 27, 79.342,

104.108

■ 17, 79.342,
104.108

■ 7, 79.342, 104.108

■ 97, 79.342,
104.108

■ 97, 79.342,
104.108

■ 97, 87.420,
103.516

■ 97, 69.438,
104.854

■ 97, 93.067,
103.108

■ 97, 58.296,
105.704

■ 97, 95.975,
102.900

■ 98, 46.369,
106.625

■ 97, 96.566,
102.859

■ 98, 33.968,
107.586

99, 21.293,
108.564

99, 8.473, 109.536

100, 0.618,
290.377

100, 0.618,
290.464

100, 0.618,
290.550

Harmonies

Complementary

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



97, 79.342, 104.108



46, 98.009, 301.237

Rectangle

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



97, 79.342, 104.108



97, 79.342, 154.108



97, 79.342, 284.108



97, 79.342, 334.108

Sweetspot

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



97, 79.342, 104.110



99, 25.735, 108.229



60, 73.514, 29.610



53, 17.535, 107.954



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, 79.342, 104.110



97, 89.977, 103.353



92, 86.544, 126.314



53, 7.338, 109.255



75, 78.056, 102.858



26, 35.525, 102.999

Inverse Universe

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



46, 98.009, 301.237



38, 117.937, 304.043



54, 95.852, 312.361



49, 7.504, 291.177



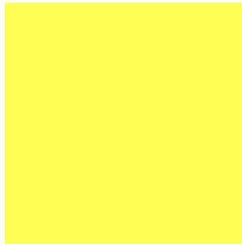
23, 107.781, 306.287



3, 44.127, 301.760

Previews

White Background



This preview shows how the CIELCh color 97, 79.342, 104.108 looks on a white background.

Color Contrast Check

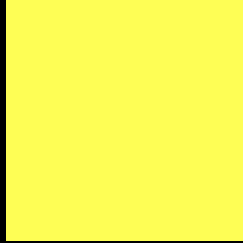
Large Text (above 18pt) WCAG AA × Fail

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, 79.342, 104.108 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, 79.342, 104.108

Background



This preview shows how black text looks on a background with the CIELCh color 97, 79.342, 104.108.



This preview shows how white text looks on a background with the CIELCh color 97, 79.342, 104.108.

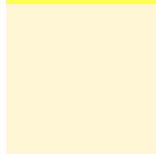
Color Blindness Simulation

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](#).

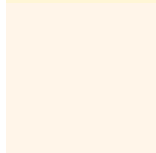
Dichromacy



Original Color
97, 79.342, 104.108



Protanopia
97, 16.616, 97.306

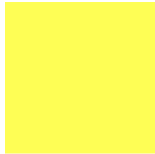


Deuteranopia
97, 7.081, 79.029



Tritanopia
97, 5.567, 339.698

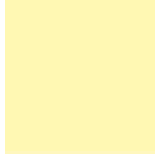
Trichromacy



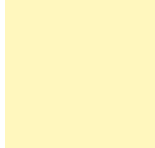
Original Color
97, 79.342, 104.108



Protanomaly
97, 41.302, 103.700



Deuteranomaly
97, 34.959, 103.009

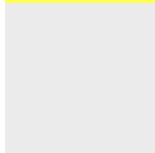


Tritanomaly
97, 29.051, 101.870

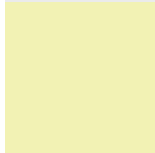
Monochromacy



Original Color
97, 79.342, 104.108



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 31.509, 107.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 79.342, 104.108 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, 85)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 85)  
}
```

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, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 79.342, 104.108 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, 85) }
```

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

```
.border{ border-color:rgb(254, 254, 85) }
```

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, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 85);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 79.342, 104.108 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, 85) }
```

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

```
.background{ background-color: rgb(254,  
254, 85) }
```

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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