

Converting Colors

CIELCh(97, 79.099, 104.250)

Have a look what the booklet for
CIELCh(97, 79.099, 104.250)
contains.

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Color

CIELCh(97, 78.982, 104.436)

Conversions

Conversions Part 1

Format	Color
Hex	FDFE56
RGB	253, 254, 86
RGB Percent	99%, 100%, 34%
CMY	0.0078, 0.0039, 0.6627
CMYK	0.00, 0.00, 0.66, 0.00
HSL	60°, 99%, 67%
HSV	60°, 66%, 100%
XYZ	77.6311, 92.4403, 22.5557
YIQ	234.5490, 53.3320, -52.4600

Conversions

Conversions Part 2

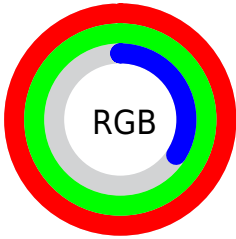
Format	Color
R _Y B	86, 254, 87
Decimal	16645718
CIE Lab	97.00, -19.69, 76.49
CIE LCh	97, 78.982, 104.436
Yxy	92.4403, 0.4030, 0.4799
Android (android.graphics.Color)	4294835798 (0xFFFD FE56)
YUV	234.5490, -73.2347, 16.1815
Hunter-Lab	96.1459, -24.1290, 53.3927

Details

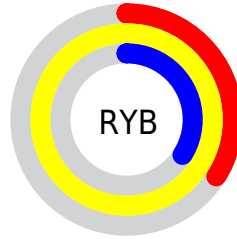
The CIELCh color **97, 78.982, 104.436** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **47, 97.341, 301.230**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 54.921, 105.974**, and **77, 79.161, 104.526** is the 20% darker color. If you saturate the color by 10%, you get **97, 87.162, 103.851**, and if you desaturate by 10%, it is **97, 69.004, 105.176**.

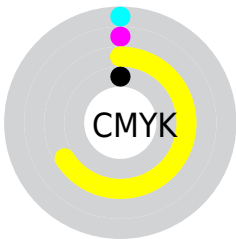
Distribution



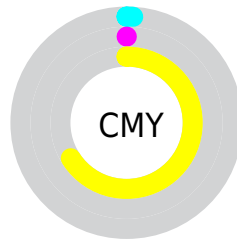
- Red (99%)
- Green (100%)
- Blue (34%)



- Red (34%)
- Yellow (100%)
- Blue (34%)



- Cyan (0%)
- Magenta (0%)
- Yellow (66%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 78.982, 104.436 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, 78.982, 104.436 by changing the saturation by 10% instead.

■ 97, 78.982,
104.436

■ 97, 78.982,
104.436

■ 100, 78.982,
104.436

■ 87, 78.982,
104.436

■ 77, 78.982,
104.436

■ 67, 78.982,
104.436

■ 57, 78.982,
104.436

■ 47, 78.982,
104.436

■ 37, 78.982,
104.436

■ 27, 78.982,

104.436

■ 17, 78.982,
104.436

■ 7, 78.982, 104.436

■ 97, 78.982,
104.436

■ 97, 78.982,
104.436

■ 97, 87.162,
103.851

■ 97, 69.004,
105.176

■ 97, 92.933,
103.455

■ 97, 57.812,
106.020

■ 97, 95.962,
103.267

■ 98, 45.851,
106.934

■ 97, 96.631,
103.232

■ 98, 33.426,
107.887

99, 20.734,
108.855

99, 7.901, 109.818

100, 0.515,
292.649

100, 0.521,
298.500

100, 0.532,
304.170

Harmonies

Complementary

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



97, 78.982, 104.436



47, 97.341, 301.230

Rectangle

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



97, 78.982, 104.436



97, 78.982, 154.436



97, 78.982, 284.436



97, 78.982, 334.436

Sweetspot

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



97, 78.983, 104.438



99, 25.736, 108.481



60, 73.022, 29.471



53, 17.536, 108.208



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, 78.983, 104.438



97, 89.355, 103.717



92, 86.128, 126.318



53, 7.338, 109.496



75, 78.060, 103.226



26, 35.523, 103.327

Inverse Universe

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



47, 97.341, 301.230



39, 116.595, 303.910



54, 95.324, 312.347



49, 7.504, 291.399



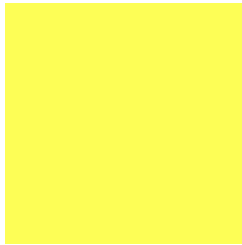
23, 107.751, 306.304



3, 44.142, 301.882

Previews

White Background



This preview shows how the CIE LCh color 97, 78.982, 104.436 looks on a white background.

Color Contrast Check

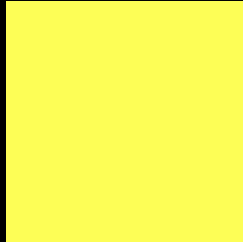
Large Text (above 18pt) WCAG AA × Fail

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, 78.982, 104.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

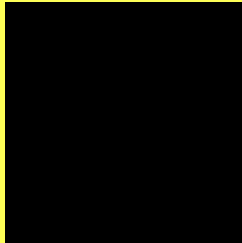
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 78.982, 104.436

Background



This preview shows how black text looks on a background with the CIELCh color 97, 78.982, 104.436.



This preview shows how white text looks on a background with the CIELCh color 97, 78.982, 104.436.

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](#).

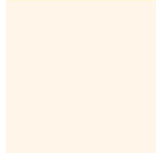
Dichromacy



Original Color
97, 78.982, 104.436



Protanopia
97, 16.616, 97.306

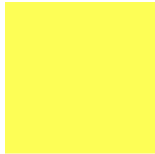


Deuteranopia
97, 7.081, 79.029



Tritanopia
97, 5.567, 339.698

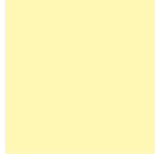
Trichromacy



Original Color
97, 78.982, 104.436



Protanomaly
97, 41.280, 104.246



Deuteranomaly
97, 34.435, 103.634

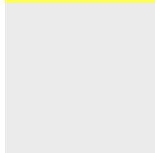


Tritanomaly
97, 29.012, 102.625

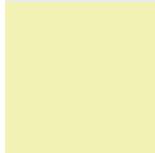
Monochromacy



Original Color
97, 78.982, 104.436



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 31.009, 107.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 78.982, 104.436 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, 254, 86)` looks like.

```
.text, #text, p{  
    color:rgb(253, 254, 86)  
}
```

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, 254, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 254, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 78.982, 104.436 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, 254, 86) }
```

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

```
.border{ border-color:rgb(253, 254, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 254, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 254, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 254, 86);  
box-shadow:4px 4px 4px 4px rgb(253, 254,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 78.982, 104.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 254, 86) }
```

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

```
.background{ background-color: rgb(253,  
254, 86) }
```

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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