

Converting Colors

CIELCh(100, 81.913, 103.902)

Have a look what the booklet for
CIELCh(100, 81.913, 103.902)
contains.

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Color

CIELCh(97, 78.990, 104.152)

Conversions

Conversions Part 1

Format	Color
Hex	FEFE56
RGB	254, 254, 86
RGB Percent	100%, 100%, 34%
CMY	0.0050, 0.0047, 0.6636
CMYK	0.00, 0.00, 0.66, 0.00
HSL	60°, 99%, 67%
HSV	60°, 66%, 100%
XYZ	77.8193, 92.4403, 22.4961
YIQ	234.8480, 53.9280, -52.2480

Conversions

Conversions Part 2

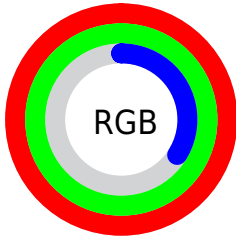
Format	Color
R _Y B	86, 254, 86
Decimal	16711254
CIE _{Lab}	97.00, -19.31, 76.59
CIE _{LCh}	97, 78.990, 104.152
Y _{xy}	92.4403, 0.4037, 0.4796
Android (android.graphics.Color)	4294901334 (0xFFFEFE56)
Y _{UV}	234.8480, -73.3821, 16.7963
Hunter-Lab	96.1459, -23.7796, 53.4295

Details

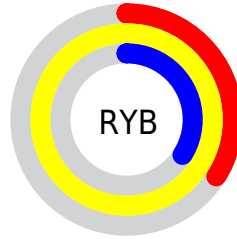
The CIELCh color **97, 78.990, 104.152** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **47, 97.403, 301.157**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 54.921, 105.974**, and **77, 79.146, 104.209** is the 20% darker color. If you saturate the color by 10%, you get **97, 87.150, 103.554**, and if you desaturate by 10%, it is **97, 69.028, 104.902**.

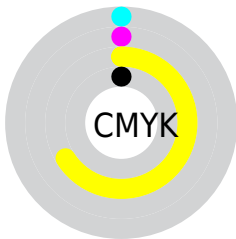
Distribution



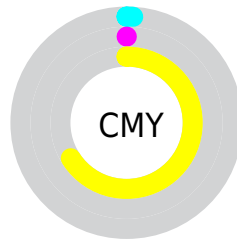
- Red (100%)
- Green (100%)
- Blue (34%)



- 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, 78.990, 104.152 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, 78.990, 104.152 by changing the saturation by 10% instead.


 97, 78.990,
104.152


 97, 78.990,
104.152


 100, 78.990,
104.152


 87, 78.990,
104.152

 77, 78.990,
104.152

 67, 78.990,
104.152

 57, 78.990,
104.152

 47, 78.990,
104.152

 37, 78.990,
104.152

 27, 78.990,

104.152

■ 17, 78.990,
104.152

■ 7, 78.990, 104.152

■ 97, 78.990,
104.152

■ 97, 78.990,
104.152

■ 97, 87.150,
103.554

■ 97, 69.028,
104.902

■ 97, 92.899,
103.140

■ 97, 57.849,
105.755

■ 97, 95.908,
102.927

■ 98, 45.900,
106.678

■ 97, 96.565,
102.881

■ 98, 33.485,
107.639

99, 20.802,
108.616

99, 7.979, 109.587

100, 0.620,
290.490

100, 0.620,
290.866

100, 0.620,
291.242

Harmonies

Complementary

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



97, 78.990, 104.152



47, 97.403, 301.157

Rectangle

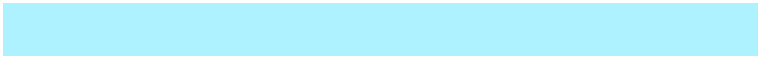
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 78.990, 104.152



97, 78.990, 154.152



97, 78.990, 284.152



97, 78.990, 334.152

Sweetspot

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



97, 78.990, 104.154



99, 25.735, 108.244



60, 73.051, 29.490



53, 17.535, 107.969



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, 78.990, 104.154



97, 89.353, 103.417



92, 86.140, 126.317



53, 7.338, 109.269



75, 78.056, 102.881



26, 35.525, 103.019

Inverse Universe

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



47, 97.403, 301.157



39, 116.637, 303.861



54, 95.347, 312.349



49, 7.504, 291.191



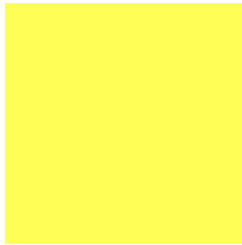
23, 107.779, 306.289



3, 44.128, 301.768

Previews

White Background



This preview shows how the CIE LCh color 97, 78.990, 104.152 looks on a white background.

Color Contrast Check

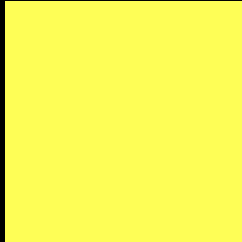
Large Text (above 18pt) WCAG AA × Fail

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, 78.990, 104.152 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, 78.990, 104.152

Background



This preview shows how black text looks on a background with the CIELCh color 97, 78.990, 104.152.



This preview shows how white text looks on a background with the CIELCh color 97, 78.990, 104.152.

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](#).

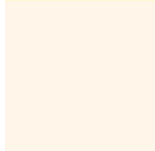
Dichromacy




Original Color
97, 78.982, 104.135



Protanopia
97, 16.616, 97.306



Deuteranopia
97, 7.081, 79.029



Tritanopia
97, 5.567, 339.698

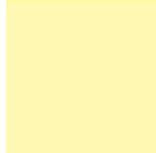
Trichromacy



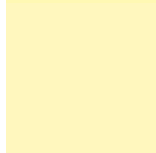
Original Color
97, 78.982, 104.135



Protanomaly
97, 41.302, 103.700



Deuteranomaly
97, 34.959, 103.009

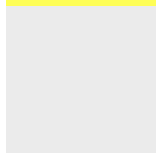


Tritanomaly
97, 29.051, 101.870

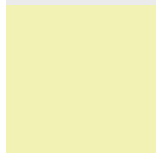
Monochromacy



Original Color
97, 78.982, 104.135



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, 78.990, 104.152 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, 86)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 254, 86) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 97, 78.990, 104.152 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, 86) }
```

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

```
.border{ border-color:rgb(254, 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(254, 254, 86) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 97, 78.990, 104.152 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, 86) }
```

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

```
.background{ background-color: rgb(254,  
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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