

Converting Colors

CIELCh(100, 91.046, 103.981)

Have a look what the booklet for
CIELCh(100, 91.046, 103.981)
contains.

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Color

CIELCh(97, 88.204, 103.476)

Conversions

Conversions Part 1

Format	Color
Hex	FEFE39
RGB	254, 254, 57
RGB Percent	100%, 100%, 22%
CMY	0.0032, 0.0029, 0.7762
CMYK	0.00, 0.00, 0.78, 0.00
HSL	60°, 99%, 61%
HSV	60°, 78%, 100%
XYZ	77.2010, 92.4403, 17.6511
YIQ	231.5420, 63.2370, -61.2670

Conversions

Conversions Part 2

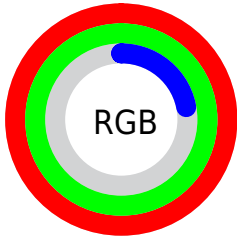
Format	Color
R _Y B	57, 254, 57
Decimal	16711225
CIE Lab	97.00, -20.55, 85.78
CIE LCh	97, 88.204, 103.476
Yxy	92.4403, 0.4122, 0.4936
Android (android.graphics.Color)	4294901305 (0xFFFEFE39)
YUV	231.5420, -86.0492, 19.6957
Hunter-Lab	96.1459, -24.9276, 56.4173

Details

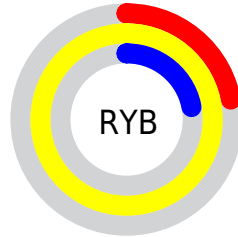
The CIELCh color **97, 88.204, 103.476** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **40, 114.436, 303.581**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 65.737, 105.148**, and **77, 80.149, 104.423** is the 20% darker color. If you saturate the color by 10%, you get **97, 93.596, 103.090**, and if you desaturate by 10%, it is **97, 80.328, 104.056**.

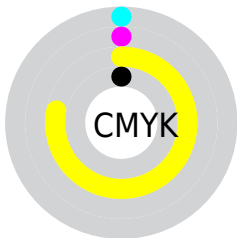
Distribution



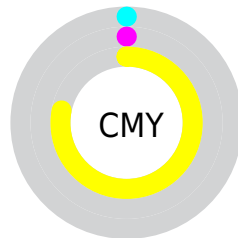
- Red (100%)
- Green (100%)
- Blue (22%)



- Red (22%)
- Yellow (100%)
- Blue (22%)



- Cyan (0%)
- Magenta (0%)
- Yellow (78%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 88.204, 103.476 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, 88.204, 103.476 by changing the saturation by 10% instead.

 97, 88.204,
103.476

 97, 88.204,
103.476

 100, 88.204,
103.476


 87, 88.204,
103.476

 77, 88.204,
103.476

 67, 88.204,
103.476

 57, 88.204,
103.476

 47, 88.204,
103.476

 37, 88.204,
103.476

 27, 88.204,

103.476

■ 17, 88.204,
103.476

■ 7, 88.204, 103.476

■ 97, 88.204,
103.476

■ 97, 88.204,
103.476

■ 97, 93.596,
103.090

■ 97, 80.328,
104.056

■ 97, 96.271,
102.901

■ 97, 70.559,
104.786

■ 97, 96.694,
102.872

■ 98, 59.500,
105.628

■ 98, 47.618,
106.543

98, 35.234,
107.501

99, 22.561,
108.477

99, 9.733, 109.451

100, 0.392,
290.501

100, 0.392,
290.905

Harmonies

Complementary

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



97, 88.204, 103.476



40, 114.436, 303.581

Rectangle

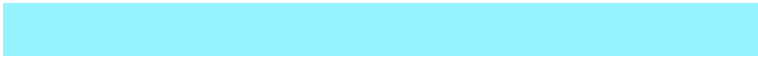
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 88.204, 103.476



97, 88.204, 153.476



97, 88.204, 283.476



97, 88.204, 333.476

Sweetspot

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



97, 88.204, 103.478



99, 29.554, 107.945



56, 86.379, 33.375



53, 20.414, 107.592



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, 88.204, 103.478



97, 95.585, 102.964



91, 97.003, 126.440



53, 7.338, 109.263



75, 78.056, 102.871



26, 35.525, 103.011

Inverse Universe

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



40, 114.436, 303.581



34, 130.541, 305.831



48, 109.146, 312.568



49, 7.504, 291.185



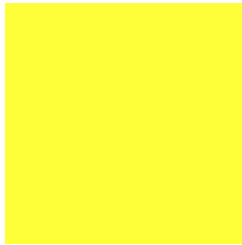
23, 107.779, 306.288



3, 44.128, 301.765

Previews

White Background



This preview shows how the CIELCh color 97, 88.204, 103.476 looks on a white background.

Color Contrast Check

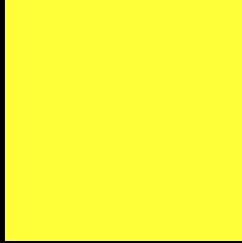
Large Text (above 18pt) WCAG AA × Fail

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, 88.204, 103.476 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, 88.204, 103.476

Background



This preview shows how black text looks on a background with the CIELCh color 97, 88.204, 103.476.



This preview shows how white text looks on a background with the CIELCh color 97, 88.204, 103.476.

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](#).

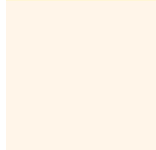
Dichromacy



Original Color
97, 88.136, 103.462



Protanopia
97, 16.616, 97.306

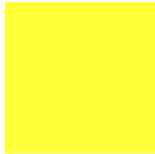


Deuteranopia
97, 7.081, 79.029



Tritanopia
97, 5.253, 343.947

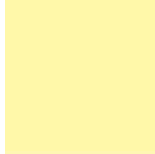
Trichromacy



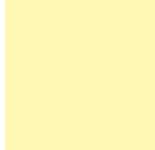
Original Color
97, 88.136, 103.462



Protanomaly
97, 46.155, 103.633



Deuteranomaly
97, 39.887, 103.128

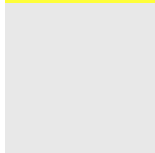


Tritanomaly
96, 34.522, 102.332

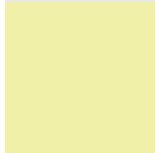
Monochromacy



Original Color
97, 88.136, 103.462



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 36.544, 107.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 88.204, 103.476 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, 57)` looks like.

```
.text, #text, p{  
    color:rgb(254, 254, 57)  
}
```

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, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 254, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 88.204, 103.476 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, 57) }
```

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

```
.border{ border-color:rgb(254, 254, 57) }
```

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, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 254, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 254, 57);  
box-shadow:4px 4px 4px 4px rgb(254, 254,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 88.204, 103.476 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, 57) }
```

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

```
.background{ background-color: rgb(254,  
254, 57) }
```

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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