

Converting Colors

CIELCh(97, 61.918, 104.606)

Have a look what the booklet for
CIELCh(97, 61.918, 104.606)
contains.

CIELCh(97, 61.856, 104.649)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(97, 61.856, 104.649)

Conversions

Conversions Part 1

Format	Color
Hex	FEFC7E
RGB	254, 252, 126
RGB Percent	100%, 99%, 49%
CMY	0.0028, 0.0106, 0.5048
CMYK	0.00, 0.01, 0.50, 0.00
HSL	59°, 99%, 75%
HSV	59°, 50%, 100%
XYZ	79.6651, 92.4403, 33.4735
YIQ	238.2340, 41.6380, -38.7620

Conversions

Conversions Part 2

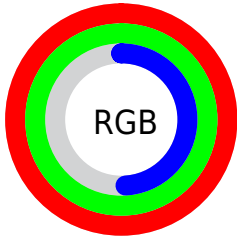
Format	Color
RYB	128, 254, 126
Decimal	16710782
CIELab	97.00, -15.64, 59.85
CIELCh	97, 61.856, 104.649
Yxy	92.4403, 0.3875, 0.4497
Android (android.graphics.Color)	4294900862 (0xFFFEFC7E)
YUV	238.2340, -55.3314, 13.8268
Hunter-Lab	96.1459, -20.3527, 46.6601

Details

The CIELCh color **97, 61.856, 104.649** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **59, 71.048, 297.107**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 37.154, 107.345**, and **77, 61.977, 104.808** is the 20% darker color. If you saturate the color by 10%, you get **97, 72.519, 103.803**, and if you desaturate by 10%, it is **97, 50.288, 105.577**.

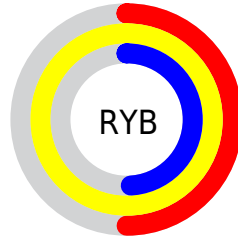
Distribution



Red (100%)

Green (99%)

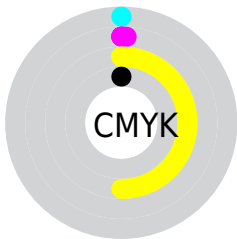
Blue (49%)



Red (50%)

Yellow (100%)

Blue (49%)

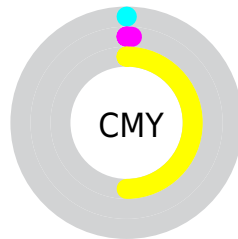


Cyan (0%)

Magenta (1%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 61.856, 104.649 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, 61.856, 104.649 by changing the saturation by 10% instead.


 97, 61.856,
104.649

 97, 61.856,
104.649

 100, 61.856,
104.649


 87, 61.856,
104.649

 77, 61.856,
104.649

 67, 61.856,
104.649

 57, 61.856,
104.649

 47, 61.856,
104.649

 37, 61.856,
104.649

 27, 61.856,

104.649

■ 17, 61.856,
104.649

■ 7, 61.856, 104.649

■ 97, 61.856,
104.649

■ 97, 61.856,
104.649

■ 97, 72.519,
103.803

■ 97, 50.288,
105.577

■ 96, 81.763,
103.066

■ 98, 38.166,
106.547

■ 96, 88.960,
102.481

■ 98, 25.726,
107.538

■ 96, 93.545,
102.077

■ 99, 13.114,
108.529

■ 96, 95.566,
101.844

■ 100, 0.426,
109.320

■ 100, 0.217,
252.461

■ 100, 0.244,
202.107

Harmonies

Complementary

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



97, 61.856, 104.649



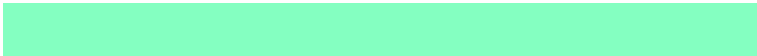
59, 71.048, 297.107

Rectangle

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



97, 61.856, 104.649



97, 61.856, 154.649



97, 61.856, 284.649



97, 61.856, 334.649

Sweetspot

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



97, 61.857, 104.652



99, 19.042, 108.069



68, 53.500, 24.134



53, 12.984, 107.859



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

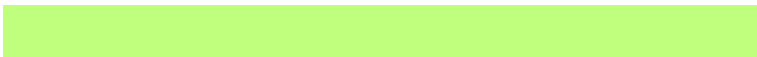
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 61.857, 104.652



97, 72.331, 103.830



93, 67.518, 126.129



53, 7.224, 108.612



74, 77.149, 101.861



26, 35.093, 102.138

Inverse Universe

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



59, 71.048, 297.107



52, 86.423, 299.239



64, 73.056, 311.143



49, 7.383, 290.558



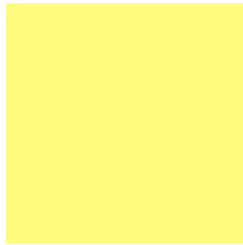
23, 107.072, 306.106



4, 43.631, 301.503

Previews

White Background



This preview shows how the CIELCh color 97, 61.856, 104.649 looks on a white background.

Color Contrast Check

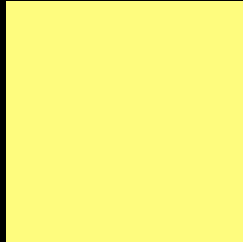
Large Text (above 18pt) WCAG AA × Fail

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, 61.856, 104.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

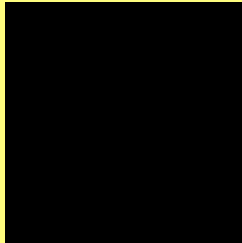
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 61.856, 104.649

Background



This preview shows how black text looks on a background with the CIELCh color 97, 61.856, 104.649.

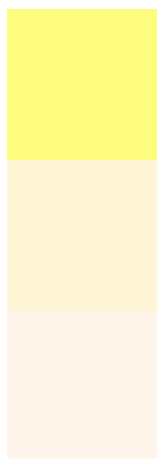


This preview shows how white text looks on a background with the CIELCh color 97, 61.856, 104.649.

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, 61.856, 104.649

Protanopia

97, 15.619, 96.669

Deuteranopia

97, 6.644, 76.862

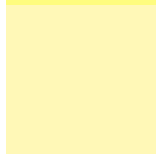


Tritanopia
97, 5.567, 339.698

Trichromacy



Original Color
97, 61.856, 104.649



Protanomaly
97, 32.976, 102.918



Deuteranomaly
97, 26.992, 102.428

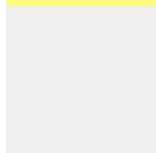


Tritanomaly
97, 21.115, 99.331

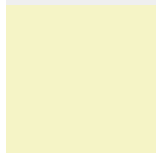
Monochromacy



Original Color
97, 61.856, 104.649



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 23.419, 107.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 61.856, 104.649 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, 252, 126)` looks like.

```
.text, #text, p{  
    color:rgb(254, 252, 126)  
}
```

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, 252, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 252, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 61.856, 104.649 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, 252, 126) }
```

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

```
.border{ border-color:rgb(254, 252, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 252, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 252, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 252, 126);  
box-shadow:4px 4px 4px 4px rgb(254, 252,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 61.856, 104.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 252, 126) }
```

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

```
.background{ background-color: rgb(254,  
252, 126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor