

Converting Colors

CIELCh(97, 39.780, 105.398)

Have a look what the booklet for
CIELCh(97, 39.780, 105.398)
contains.

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Color

CIELCh(97, 39.754, 105.410)

Conversions

Conversions Part 1

Format	Color
Hex	FDFAAB
RGB	253, 250, 171
RGB Percent	99%, 98%, 67%
CMY	0.0067, 0.0184, 0.3283
CMYK	0.00, 0.01, 0.32, 0.01
HSL	58°, 96%, 83%
HSV	58°, 32%, 99%
XYZ	82.2682, 92.4403, 52.1719
YIQ	241.8910, 27.1470, -23.9330

Conversions

Conversions Part 2

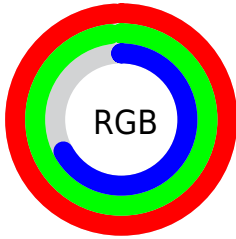
Format	Color
RYB	174, 253, 171
Decimal	16644779
CIELab	97.00, -10.56, 38.32
CIELCh	97, 39.754, 105.410
Yxy	92.4403, 0.3626, 0.4074
Android (android.graphics.Color)	4294834859 (0xFFFDFAAB)
YUV	241.8910, -34.9493, 9.7426
Hunter-Lab	96.1459, -15.5200, 35.1295

Details

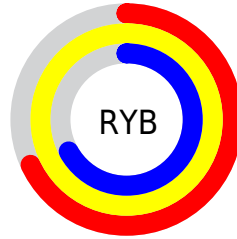
The CIELCh color **97, 39.754, 105.410** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **74, 42.847, 292.903**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **77, 39.835, 105.837** is the 20% darker color. If you saturate the color by 10%, you get **96, 51.559, 104.421**, and if you desaturate by 10%, it is **98, 27.624, 106.426**.

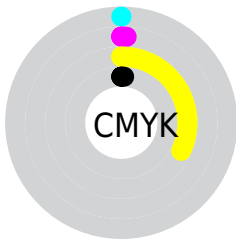
Distribution



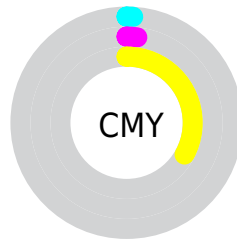
- Red (99%)
- Green (98%)
- Blue (67%)



- Red (68%)
- Yellow (99%)
- Blue (67%)



- Cyan (0%)
- Magenta (1%)
- Yellow (32%)
- Black (1%)





- Cyan (1%)
- Magenta (2%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 39.754, 105.410 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, 39.754, 105.410 by changing the saturation by 10% instead.


 97, 39.754,
105.410


 97, 39.754,
105.410


 100, 39.754,
105.410


 87, 39.754,
105.410

 77, 39.754,
105.410

 67, 39.754,
105.410

 57, 39.754,
105.410

 47, 39.754,
105.410

 37, 39.754,
105.410

 27, 39.754,

105.410

■ 17, 39.754,
105.410

■ 7, 39.754, 105.410

■ 97, 39.754,
105.410

■ 97, 39.754,
105.410

■ 96, 51.559,
104.421

■ 98, 27.624,
106.426

■ 96, 62.788,
103.471

■ 98, 15.319,
107.439

■ 95, 73.064,
102.593

■ 99, 2.940, 108.415

■ 95, 81.849,
101.821

■ 100, 0.570,
264.838

■ 100, 0.568,

■ 95, 88.490,
101.189

204.260

■ 94, 92.444,
100.717

100, 0.592,
200.487

■ 94, 93.811,
100.448

Harmonies

Complementary

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



97, 39.754, 105.410



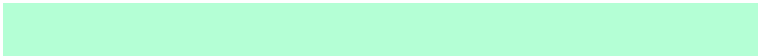
74, 42.847, 292.903

Rectangle

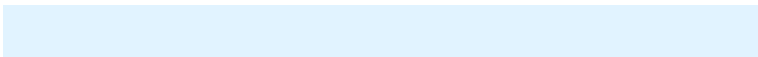
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 39.754, 105.410



97, 39.754, 155.410



97, 39.754, 285.410



97, 39.754, 335.410

Sweetspot

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



97, 39.756, 105.414



99, 12.443, 107.677



78, 32.285, 18.461



53, 8.489, 107.536



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

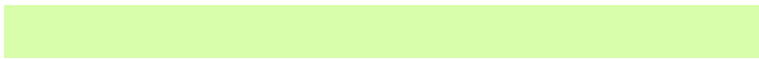
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 39.756, 105.414



97, 47.877, 104.751



95, 43.657, 125.724



53, 7.075, 107.727



73, 75.978, 100.490



25, 34.523, 100.954

Inverse Universe

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



74, 42.847, 292.903



69, 52.620, 294.072



76, 45.967, 309.029



49, 7.224, 289.705



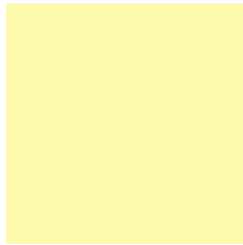
23, 106.142, 305.866



4, 42.967, 301.148

Previews

White Background



This preview shows how the CIELCh color 97, 39.754, 105.410 looks on a white background.

Color Contrast Check

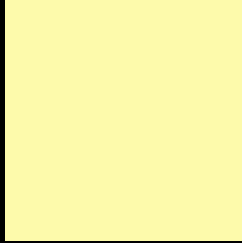
Large Text (above 18pt) WCAG AA × Fail

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, 39.754, 105.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

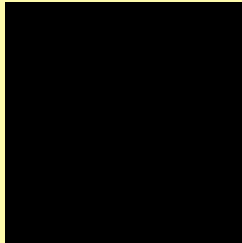
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 39.754, 105.410

Background



This preview shows how black text looks on a background with the CIELCh color 97, 39.754, 105.410.

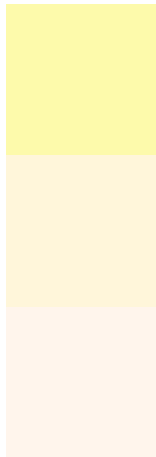


This preview shows how white text looks on a background with the CIELCh color 97, 39.754, 105.410.

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, 39.754, 105.410

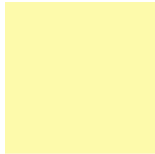
Protanopia
97, 14.625, 95.934

Deuteranopia
97, 5.805, 71.549



Tritanopia
97, 6.275, 332.584

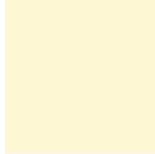
Trichromacy



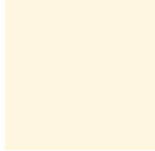
Original Color
97, 39.754, 105.410



Protanomaly
97, 23.949, 102.902



Deuteranomaly
97, 17.978, 100.467

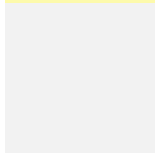


Tritanomaly
97, 12.060, 95.202

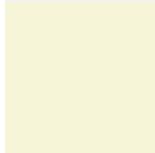
Monochromacy



Original Color
97, 39.754, 105.410



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 14.784, 107.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 39.754, 105.410 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, 250, 171)` looks like.

```
.text, #text, p{  
    color:rgb(253, 250, 171)  
}
```

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, 250, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 250, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 39.754, 105.410 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, 250, 171) }
```

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

```
.border{ border-color:rgb(253, 250, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 250, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 250, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 250, 171); box-shadow:4px 4px 4px 4px rgb(253, 250, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 39.754, 105.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 250, 171) }
```

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

```
.background{ background-color: rgb(253,  
250, 171) }
```

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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