

Converting Colors

CIELCh(100, 44.352, 85.731)

Have a look what the booklet for
CIELCh(100, 44.352, 85.731)
contains.

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Color

CIElCh(97, 41.253, 104.259)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAA8
RGB	255, 250, 168
RGB Percent	100%, 98%, 66%
CMY	0.0001, 0.0197, 0.3412
CMYK	0.00, 0.02, 0.34, 0.00
HSL	57°, 100%, 83%
HSV	57°, 34%, 100%
XYZ	82.4769, 92.4403, 50.5319
YIQ	242.1470, 29.3020, -24.4420

Conversions

Conversions Part 2

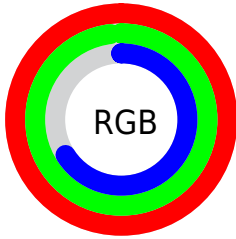
Format	Color
RYB	173, 255, 168
Decimal	16775848
CIELab	97.00, -10.16, 39.98
CIELCh	97, 41.253, 104.259
Yxy	92.4403, 0.3658, 0.4100
Android (android.graphics.Color)	4294965928 (0xFFFFFAA8)
YUV	242.1470, -36.5545, 11.2721
Hunter-Lab	96.1459, -15.1324, 36.1407

Details

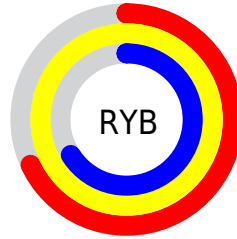
The CIELCh color **97, 41.253, 104.259** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **73, 44.511, 292.358**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **77, 41.355, 104.554** is the 20% darker color. If you saturate the color by 10%, you get **96, 52.861, 103.243**, and if you desaturate by 10%, it is **98, 29.313, 105.299**.

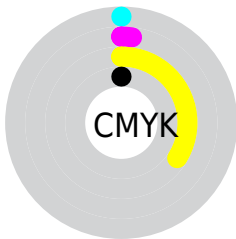
Distribution



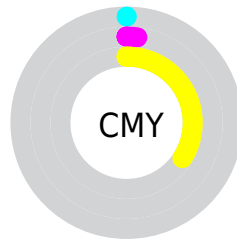
- Red (100%)
- Green (98%)
- Blue (66%)



- Red (68%)
- Yellow (100%)
- Blue (66%)



- Cyan (0%)
- Magenta (2%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 41.253, 104.259 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, 41.253, 104.259 by changing the saturation by 10% instead.


 97, 41.253,
104.259


 97, 41.253,
104.259

 100, 41.253,
104.259


 87, 41.253,
104.259

 77, 41.253,
104.259

 67, 41.253,
104.259

 57, 41.253,
104.259

 47, 41.253,
104.259

 37, 41.253,
104.259

 27, 41.253,

104.259

■ 17, 41.253,
104.259

■ 7, 41.253, 104.259

■ 97, 41.253,
104.259

■ 97, 41.253,
104.259

■ 96, 52.861,
103.243

■ 98, 29.313,
105.299

■ 96, 63.872,
102.263

■ 99, 17.198,
106.335

■ 95, 73.884,
101.350

■ 100, 5.013,
107.344

■ 94, 82.328,
100.533

■ 100, 0.013,
261.257

■ 94, 88.526, 99.839

■ 94, 91.951, 99.279

■ 93, 92.872, 98.997

Harmonies

Complementary

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



97, 41.253, 104.259



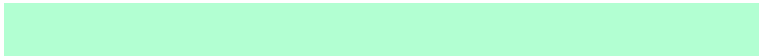
73, 44.511, 292.358

Rectangle

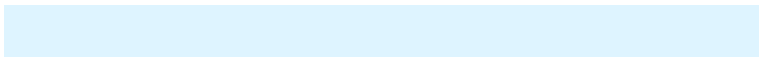
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 41.253, 104.259



97, 41.253, 154.259



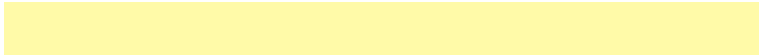
97, 41.253, 284.259



97, 41.253, 334.259

Sweetspot

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



97, 41.255, 104.263



99, 12.185, 106.756



77, 34.334, 17.448



53, 8.313, 106.613



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

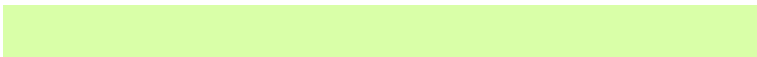
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 41.255, 104.263



97, 49.294, 103.558



96, 46.018, 125.016



53, 6.927, 106.807



72, 74.860, 99.066



25, 33.963, 99.727

Inverse Universe

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



73, 44.511, 292.358



68, 54.264, 293.622



75, 48.698, 308.589



49, 7.067, 288.818



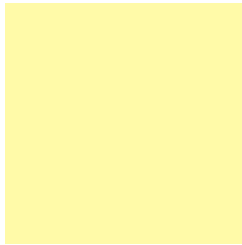
24, 105.228, 305.626



4, 42.305, 300.776

Previews

White Background



This preview shows how the CIE LCh color 97, 41.253, 104.259 looks on a white background.

Color Contrast Check

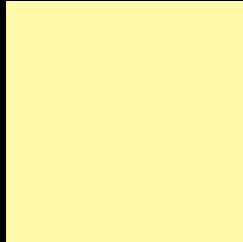
Large Text (above 18pt) WCAG AA × Fail

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, 41.253, 104.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

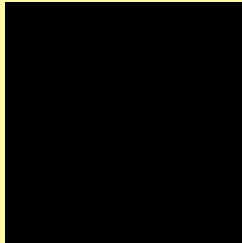
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 41.253, 104.259

Background



This preview shows how black text looks on a background with the CIELCh color 97, 41.253, 104.259.

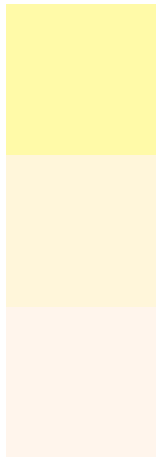


This preview shows how white text looks on a background with the CIELCh color 97, 41.253, 104.259.

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, 41.253, 104.259

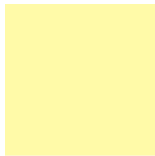
Protanopia
97, 14.625, 95.934

Deuteranopia
97, 5.805, 71.549



Tritanopia
97, 5.909, 335.926

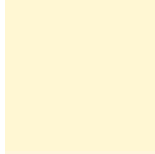
Trichromacy



Original Color
97, 41.253, 104.259



Protanomaly
97, 24.049, 101.091



Deuteranomaly
97, 18.536, 99.497

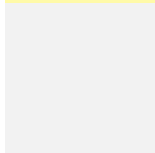


Tritanomaly
97, 13.139, 94.601

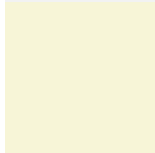
Monochromacy



Original Color
97, 41.253, 104.259



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 15.303, 106.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 41.253, 104.259 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(255, 250, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 168)  
}
```

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(255, 250, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 41.253, 104.259 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(255, 250, 168) }
```

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

```
.border{ border-color:rgb(255, 250, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 41.253, 104.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 168) }
```

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

```
.background{ background-color: rgb(255,  
250, 168) }
```

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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