

Converting Colors

CIELCh(97, 21.172, 102.186)

Have a look what the booklet for
CIELCh(97, 21.172, 102.186)
contains.

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Color

CIElCh(97, 21.437, 102.501)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FEF8CE |
| RGB | 254, 248, 206 |
| RGB Percent | 100%, 97%, 81% |
| CMY | 0.0049, 0.0284, 0.1931 |
| CMYK | 0.00, 0.02, 0.19, 0.00 |
| HSL | 53°, 95%, 90% |
| HSV | 53°, 19%, 100% |
| XYZ | 85.3745, 92.4403, 71.5748 |
| YIQ | 245.0060, 17.0580, -11.7900 |

Conversions

Conversions Part 2

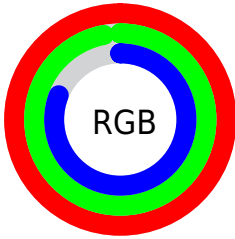
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 213, 254, 206 |
| Decimal | 16709838 |
| CIE _{Lab} | 97.00, -4.64, 20.93 |
| CIE _{LCh} | 97, 21.437, 102.501 |
| Yxy | 92.4403, 0.3423, 0.3707 |
| Android (android.graphics.Color) | 4294899918 (0xFFFEF8CE) |
| YUV | 245.0060, -19.2300, 7.8877 |
| Hunter-Lab | 96.1459, -9.7530, 23.1643 |

Details

The CIELCh color **97, 21.437, 102.501** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 22.120, 286.905**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 21.371, 102.831** is the 20% darker color. If you saturate the color by 10%, you get **96, 32.741, 101.391**, and if you desaturate by 10%, it is **98, 10.090, 103.599**.

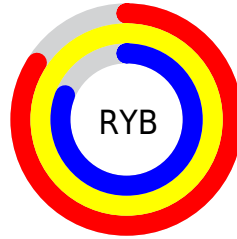
Distribution



Red (100%)

Green (97%)

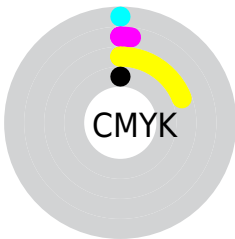
Blue (81%)



Red (84%)

Yellow (100%)

Blue (81%)

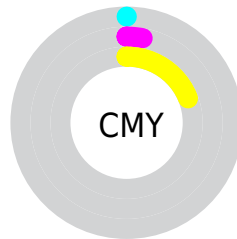


Cyan (0%)

Magenta (2%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 21.437, 102.501 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, 21.437, 102.501 by changing the saturation by 10% instead.


 97, 21.437,
102.501


 97, 21.437,
102.501


 100, 21.437,
102.501


 87, 21.437,
102.501

 77, 21.437,
102.501

 67, 21.437,
102.501

 57, 21.437,
102.501

 47, 21.437,
102.501

 37, 21.437,
102.501

 27, 21.437,

102.501

■ 17, 21.437,
102.501

■ 7, 21.437, 102.501

■ 97, 21.437,
102.501

■ 97, 21.437,
102.501

■ 96, 32.741,
101.391

■ 98, 10.090,
103.599

■ 95, 43.892,
100.265

■ 100, 0.490,
276.202

■ 93, 54.711, 99.144

■ 100, 0.438,
200.890

■ 92, 64.903, 98.043

■ 91, 74.006, 96.976

■ 90, 81.363, 95.954

■ 90, 86.236, 94.972

■ 89, 88.313, 94.002

■ 89, 88.464, 93.897

Harmonies

Complementary

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



97, 21.437, 102.501



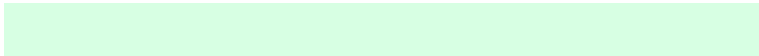
86, 22.120, 286.905

Rectangle

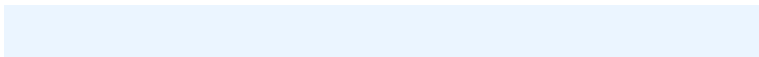
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 21.437, 102.501



97, 21.437, 152.501



97, 21.437, 282.501



97, 21.437, 332.501

Sweetspot

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



97, 21.439, 102.507



99, 6.813, 103.907



87, 18.154, 10.266



53, 4.521, 103.838



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, 21.439, 102.507



97, 26.174, 102.052



97, 25.195, 123.287



53, 6.464, 103.535



69, 71.613, 94.065



23, 32.222, 95.396

Inverse Universe

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



86, 22.120, 286.905



83, 27.206, 287.508



85, 26.054, 305.356



49, 6.571, 285.664



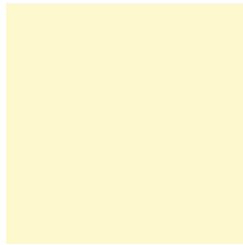
25, 101.149, 304.511



5, 40.155, 299.442

Previews

White Background



This preview shows how the CIE LCh color 97, 21.437, 102.501 looks on a white background.

Color Contrast Check

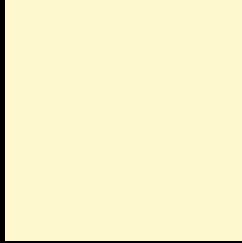
Large Text (above 18pt) WCAG AA × Fail

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, 21.437, 102.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

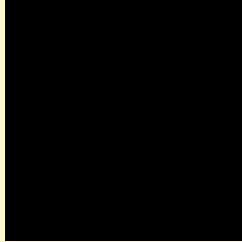
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 21.437, 102.501

Background



This preview shows how black text looks on a background with the CIELCh color 97, 21.437, 102.501.

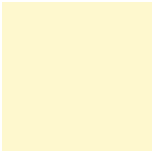
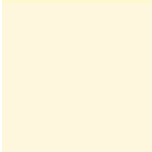
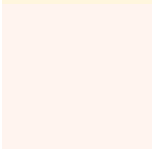


This preview shows how white text looks on a background with the CIELCh color 97, 21.437, 102.501.

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](#).

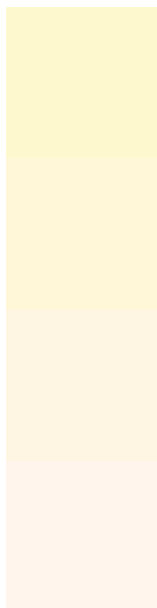
Dichromacy

| | |
|---|--|
|  | Original Color 97, 21.437, 102.501 |
|  | Protanopia 97, 12.646, 94.080 |
|  | Deuteranopia 97, 4.670, 52.533 |



Tritanopia
97, 7.061, 326.996

Trichromacy



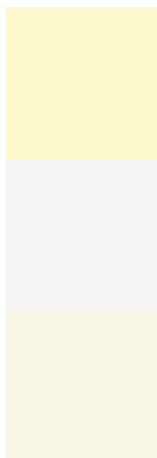
Original Color
97, 21.437, 102.501

Protanomaly
97, 16.033, 98.309

Deuteranomaly
97, 9.853, 87.751

Tritanomaly
97, 5.805, 71.549

Monochromacy



Original Color
97, 21.437, 102.501

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 7.671, 104.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 21.437, 102.501 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, 248, 206)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 206)  
}
```

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, 248, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 21.437, 102.501 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, 248, 206) }
```

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

```
.border{ border-color:rgb(254, 248, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 248, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 206);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 21.437, 102.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 206) }
```

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

```
.background{ background-color: rgb(254,  
248, 206) }
```

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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