

Converting Colors

CIELCh(100, 29.424, 77.373)

Have a look what the booklet for
CIELCh(100, 29.424, 77.373)
contains.

CIELCh(97, 25.436, 103.095)	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, 25.436, 103.095)

Conversions

Conversions Part 1

Format	Color
Hex	FEF8C6
RGB	254, 248, 198
RGB Percent	100%, 97%, 78%
CMY	0.0032, 0.0267, 0.2227
CMYK	0.00, 0.02, 0.22, 0.00
HSL	54°, 97%, 89%
HSV	54°, 22%, 100%
XYZ	84.7798, 92.4403, 66.9304
YIQ	244.0940, 19.6260, -14.2780

Conversions

Conversions Part 2

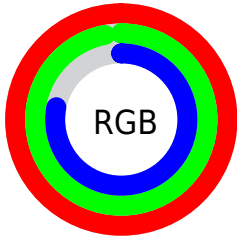
Format	Color
R _Y B	205, 254, 198
Decimal	16709830
CIE Lab	97.00, -5.76, 24.77
CIE LCh	97, 25.436, 103.095
Yxy	92.4403, 0.3472, 0.3786
Android (android.graphics.Color)	4294899910 (0xFFFEF8C6)
YUV	244.0940, -22.7243, 8.6876
Hunter-Lab	96.1459, -10.8571, 26.0284

Details

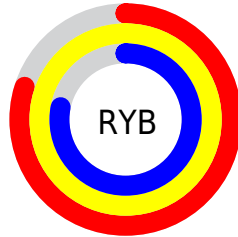
The CIELCh color **97, 25.436, 103.095** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 26.458, 288.221**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 25.566, 103.253** is the 20% darker color. If you saturate the color by 10%, you get **96, 36.898, 102.002**, and if you desaturate by 10%, it is **98, 13.885, 104.183**.

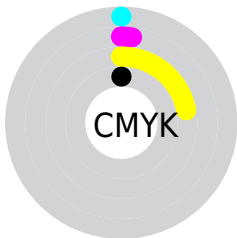
Distribution



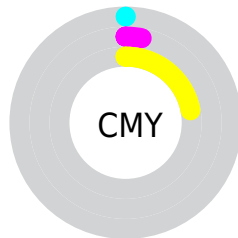
- Red (100%)
- Green (97%)
- Blue (78%)



- Red (80%)
- Yellow (100%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 25.436, 103.095 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, 25.436, 103.095 by changing the saturation by 10% instead.


 97, 25.436,
103.095


 97, 25.436,
103.095


 100, 25.436,
103.095


 87, 25.436,
103.095

 77, 25.436,
103.095

 67, 25.436,
103.095

 57, 25.436,
103.095

 47, 25.436,
103.095

 37, 25.436,
103.095

 27, 25.436,

103.095

■ 17, 25.436,
103.095

■ 7, 25.436, 103.095

■ 97, 25.436,
103.095

■ 97, 25.436,
103.095

■ 96, 36.898,
102.002

■ 98, 13.885,
104.183

■ 95, 48.134,
100.903

■ 99, 2.318, 105.200
100, 0.286,
201.706

■ 94, 58.928, 99.820

■ 93, 68.931, 98.772

■ 92, 77.615, 97.776

■ 91, 84.283, 96.845

■ 90, 88.265, 95.977

■ 90, 89.582, 95.311

Harmonies

Complementary

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



97, 25.436, 103.095



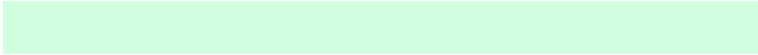
83, 26.458, 288.221

Rectangle

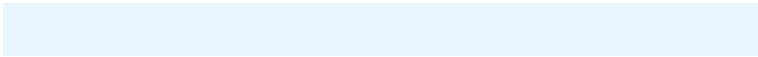
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 25.436, 103.095



97, 25.436, 153.095



97, 25.436, 283.095



97, 25.436, 333.095

Sweetspot

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



97, 25.438, 103.100



99, 8.102, 104.713



85, 21.312, 11.935



53, 5.266, 104.650



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, 25.438, 103.100



97, 30.099, 102.663



97, 29.447, 123.754



53, 6.585, 104.450



70, 72.415, 95.451



24, 32.672, 96.602

Inverse Universe

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



83, 26.458, 288.221



80, 31.562, 288.832



83, 30.597, 306.134



49, 6.700, 286.547



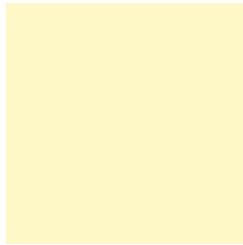
25, 102.425, 304.868



5, 40.727, 299.817

Previews

White Background



This preview shows how the CIE LCh color 97, 25.436, 103.095 looks on a white background.

Color Contrast Check

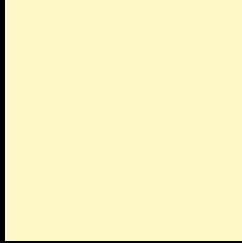
Large Text (above 18pt) WCAG AA × Fail

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, 25.436, 103.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

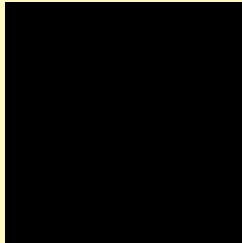
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 25.436, 103.095

Background



This preview shows how black text looks on a background with the CIELCh color 97, 25.436, 103.095.

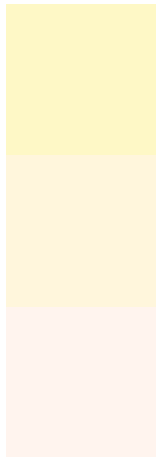


This preview shows how white text looks on a background with the CIELCh color 97, 25.436, 103.095.

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, 25.454, 103.086

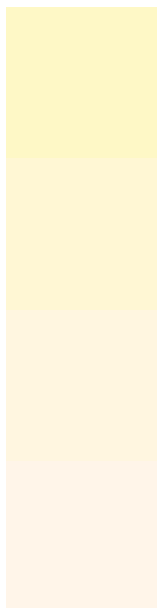
Protanopia
97, 13.634, 95.080

Deuteranopia
97, 4.969, 57.434



Tritanopia
97, 6.660, 329.623

Trichromacy



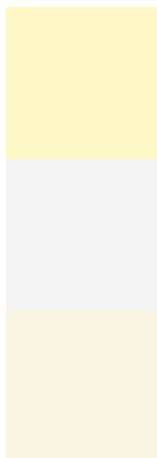
Original Color
97, 25.454, 103.086

Protanomaly
97, 18.035, 99.291

Deuteranomaly
97, 11.663, 92.897

Tritanomaly
97, 7.081, 79.029

Monochromacy



Original Color
97, 25.454, 103.086

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 9.703, 105.138

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 25.436, 103.095 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 25.436, 103.095 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, 198) }
```

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

```
.border{ border-color:rgb(254, 248, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 198);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 25.436, 103.095 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, 198) }
```

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

```
.background{ background-color: rgb(254,  
248, 198) }
```

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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