

Converting Colors

CIELCh(97, 23.485, 101.913)

Have a look what the booklet for
CIELCh(97, 23.485, 101.913)
contains.

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Color

CIElCh(97, 23.485, 101.913)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8CA
RGB	255, 248, 202
RGB Percent	100%, 97%, 79%
CMY	0.0010, 0.0284, 0.2088
CMYK	0.00, 0.03, 0.21, 0.00
HSL	52°, 99%, 90%
HSV	52°, 21%, 100%
XYZ	85.2642, 92.4403, 69.0727
YIQ	244.8490, 18.9380, -12.8220

Conversions

Conversions Part 2

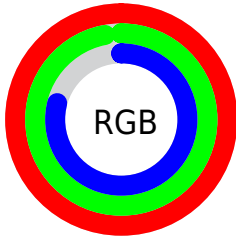
Format	Color
R_{YB}	210, 255, 202
Decimal	16775370
CIE _{Lab}	97.00, -4.85, 22.98
CIE _{LCh}	97, 23.485, 101.913
Yxy	92.4403, 0.3455, 0.3746
Android (android.graphics.Color)	4294965450 (0xFFFFF8CA)
YUV	244.8490, -21.1246, 8.9024
Hunter-Lab	96.1459, -9.9577, 24.7072

Details

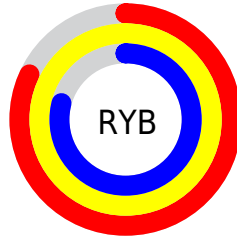
The CIELCh color **97, 23.485, 101.913** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 24.291, 286.829**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 23.509, 102.102** is the 20% darker color. If you saturate the color by 10%, you get **96, 34.737, 100.791**, and if you desaturate by 10%, it is **98, 12.182, 103.024**.

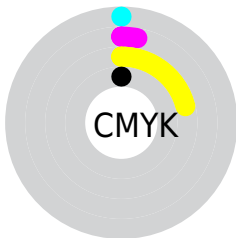
Distribution



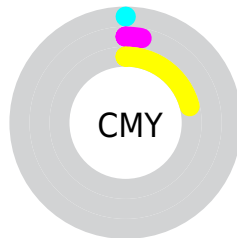
- Red (100%)
- Green (97%)
- Blue (79%)



- Red (82%)
- Yellow (100%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (3%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 23.485, 101.913 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, 23.485, 101.913 by changing the saturation by 10% instead.


 97, 23.485,
101.913


 97, 23.485,
101.913


 100, 23.485,
101.913


 87, 23.485,
101.913

 77, 23.485,
101.913

 67, 23.485,
101.913

 57, 23.485,
101.913

 47, 23.485,
101.913

 37, 23.485,
101.913

 27, 23.485,

101.913

■ 17, 23.485,
101.913

■ 7, 23.485, 101.913

■ 97, 23.485,
101.913

■ 97, 23.485,
101.913

■ 96, 34.737,
100.791

■ 98, 12.182,
103.024

■ 94, 45.818, 99.654

■ 100, 0.890,
103.955

■ 93, 56.533, 98.522

■ 100, 0.090,
206.795

■ 92, 66.561, 97.410

■ 91, 75.402, 96.329

■ 90, 82.365, 95.286

■ 89, 86.717, 94.267

■ 88, 88.348, 93.325

Harmonies

Complementary

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



97, 23.485, 101.913



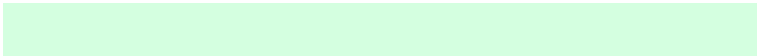
85, 24.291, 286.829

Rectangle

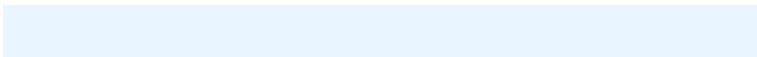
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 23.485, 101.913



97, 23.485, 151.913



97, 23.485, 281.913



97, 23.485, 331.913

Sweetspot

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



97, 23.487, 101.919



99, 6.763, 103.538



86, 20.142, 10.492



53, 4.487, 103.470



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, 23.487, 101.919



97, 28.248, 101.447



97, 27.786, 123.183



53, 6.416, 103.165



68, 71.311, 93.507



23, 32.048, 94.910

Inverse Universe

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



85, 24.291, 286.829



82, 29.438, 287.471



84, 28.835, 305.478



49, 6.520, 285.307



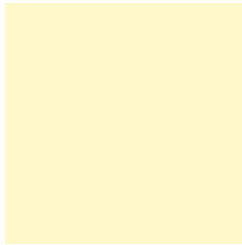
25, 100.609, 304.358



5, 39.930, 299.290

Previews

White Background



This preview shows how the CIE LCh color 97, 23.485, 101.913 looks on a white background.

Color Contrast Check

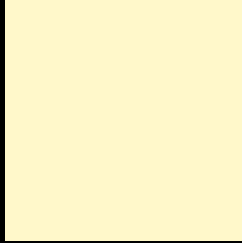
Large Text (above 18pt) WCAG AA × Fail

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, 23.485, 101.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

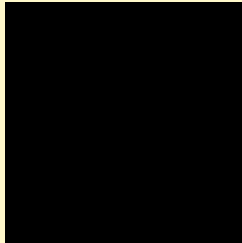
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 23.485, 101.913

Background



This preview shows how black text looks on a background with the CIELCh color 97, 23.485, 101.913.

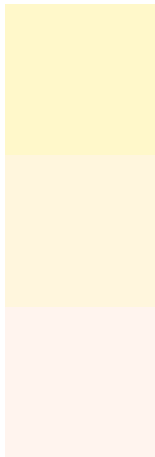


This preview shows how white text looks on a background with the CIELCh color 97, 23.485, 101.913.

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, 23.485, 101.913

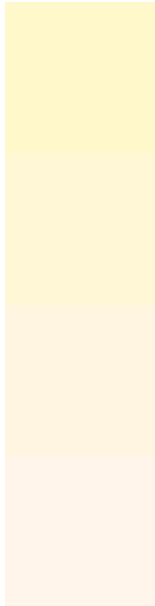
Protanopia
97, 13.139, 94.601

Deuteranopia
97, 4.969, 57.434



Tritanopia
97, 6.660, 329.623

Trichromacy



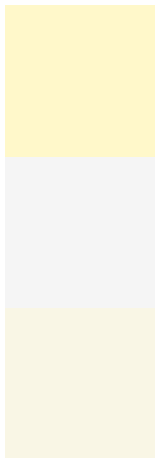
Original Color
97, 23.485, 101.913

Protanomaly
97, 17.033, 98.833

Deuteranomaly
97, 10.812, 89.619

Tritanomaly
97, 6.644, 76.862

Monochromacy



Original Color
97, 23.485, 101.913

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 8.721, 102.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 23.485, 101.913 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, 248, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 202)  
}
```

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, 248, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 23.485, 101.913 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, 248, 202) }
```

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

```
.border{ border-color:rgb(255, 248, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 23.485, 101.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 202) }
```

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

```
.background{ background-color: rgb(255,  
248, 202) }
```

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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