

Converting Colors

CIELCh(97, 29.397, 102.194)

Have a look what the booklet for
CIELCh(97, 29.397, 102.194)
contains.

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Color

CIElCh(97, 29.490, 102.680)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8BE
RGB	255, 248, 190
RGB Percent	100%, 97%, 75%
CMY	0.0000, 0.0259, 0.2534
CMYK	0.00, 0.03, 0.25, 0.00
HSL	54°, 100%, 87%
HSV	54°, 25%, 100%
XYZ	84.4050, 92.4403, 62.3218
YIQ	243.4810, 22.7900, -16.5540

Conversions

Conversions Part 2

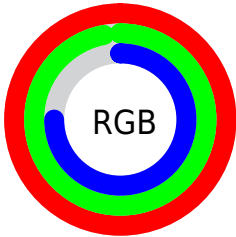
Format	Color
R_{YB}	198, 255, 190
Decimal	16775358
CIE Lab	97.00, -6.47, 28.77
CIE LCh	97, 29.490, 102.680
Yxy	92.4403, 0.3529, 0.3865
Android (android.graphics.Color)	4294965438 (0xFFFFF8BE)
YUV	243.4810, -26.3661, 10.1022
Hunter-Lab	96.1459, -11.5529, 28.8703

Details

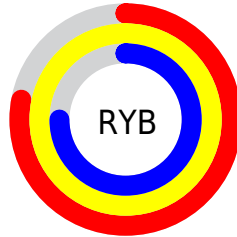
The CIELCh color **97, 29.490, 102.680** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 30.891, 288.947**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **77, 29.765, 102.657** is the 20% darker color. If you saturate the color by 10%, you get **96, 40.956, 101.882**, and if you desaturate by 10%, it is **98, 17.866, 104.061**.

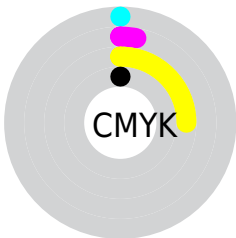
Distribution



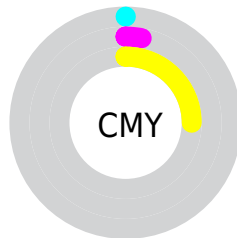
- Red (100%)
- Green (97%)
- Blue (75%)



- Red (78%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 29.490, 102.680 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, 29.490, 102.680 by changing the saturation by 10% instead.


 97, 29.490,
102.680

 97, 29.490,
102.680

 100, 29.490,
102.680


 87, 29.490,
102.680

 77, 29.490,
102.680

 67, 29.490,
102.680

 57, 29.490,
102.680

 47, 29.490,
102.680

 37, 29.490,
102.680

 27, 29.490,

102.680

■ 17, 29.490,
102.680

■ 7, 29.490, 102.680

■ 97, 29.490,
102.680

■ 97, 29.490,
102.680

■ 96, 40.956,
101.882

■ 98, 17.866,
104.061

■ 95, 52.140,
100.794

■ 99, 6.212, 105.116
100, 0.012,
296.813

■ 94, 62.773, 99.730

■ 93, 72.447, 98.709

■ 92, 80.568, 97.751

■ 91, 86.416, 96.865

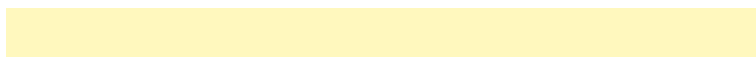
■ 91, 89.428, 96.043

■ 90, 90.074, 95.672

Harmonies

Complementary

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



97, 29.490, 102.680



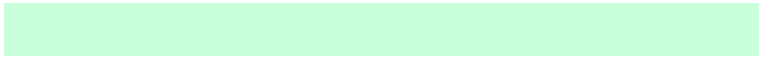
81, 30.891, 288.947

Rectangle

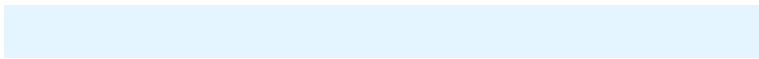
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 29.490, 102.680



97, 29.490, 152.680



97, 29.490, 282.680



97, 29.490, 332.680

Sweetspot

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



97, 29.478, 102.976



99, 9.308, 104.841



83, 24.844, 12.357



53, 6.617, 104.684



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

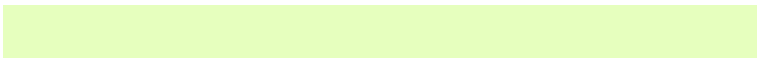
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 29.478, 102.976



96, 34.847, 102.467



97, 33.952, 123.575



53, 6.617, 104.684



70, 72.632, 95.807



24, 32.791, 96.910

Inverse Universe

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



81, 30.891, 288.947



77, 36.892, 289.701



81, 35.500, 306.349



49, 6.735, 286.772



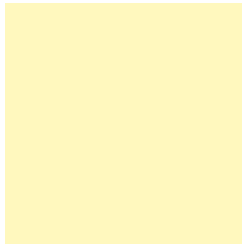
25, 102.736, 304.954



5, 40.876, 299.912

Previews

White Background



This preview shows how the CIE LCh color 97, 29.490, 102.680 looks on a white background.

Color Contrast Check

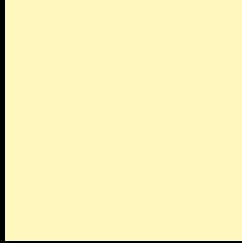
Large Text (above 18pt) WCAG AA × Fail

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, 29.490, 102.680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

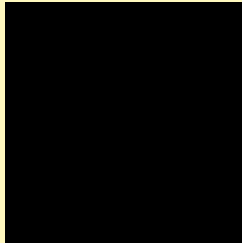
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 29.490, 102.680

Background



This preview shows how black text looks on a background with the CIELCh color 97, 29.490, 102.680.

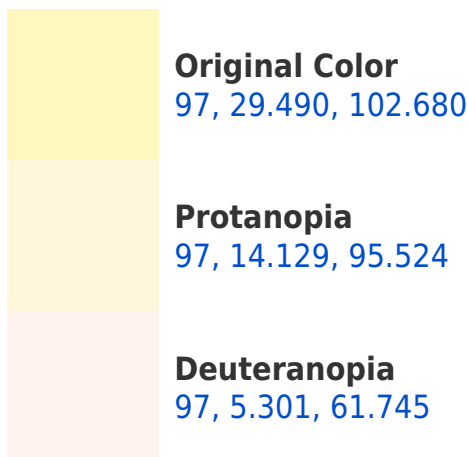


This preview shows how white text looks on a background with the CIELCh color 97, 29.490, 102.680.

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](#).

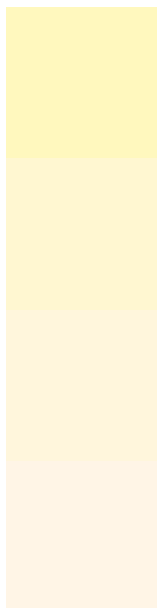
Dichromacy





Tritanopia
97, 6.275, 332.584

Trichromacy



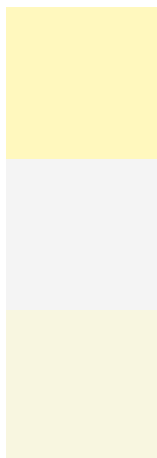
Original Color
97, 29.490, 102.680

Protanomaly
97, 19.538, 99.873

Deuteranomaly
97, 13.634, 95.080

Tritanomaly
97, 8.442, 84.126

Monochromacy



Original Color
97, 29.490, 102.680

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 11.228, 105.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 29.490, 102.680 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 29.490, 102.680 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, 190) }
```

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

```
.border{ border-color:rgb(255, 248, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 29.490, 102.680 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
248, 190) }
```

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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