

Converting Colors

CIELCh(97, 26.780, 101.513)

Have a look what the booklet for
CIELCh(97, 26.780, 101.513)
contains.

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Color

CIElCh(97, 26.992, 102.428)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8C3
RGB	255, 248, 195
RGB Percent	100%, 97%, 76%
CMY	0.0000, 0.0269, 0.2348
CMYK	0.00, 0.03, 0.23, 0.00
HSL	53°, 100%, 88%
HSV	53°, 23%, 100%
XYZ	84.7554, 92.4403, 65.0763
YIQ	244.0510, 21.1850, -14.9990

Conversions

Conversions Part 2

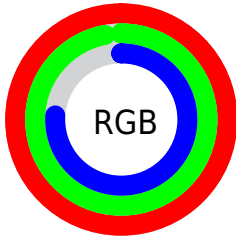
Format	Color
R_{YB}	203, 255, 195
Decimal	16775363
CIE _{Lab}	97.00, -5.81, 26.36
CIE _{LCh}	97, 26.992, 102.428
Yxy	92.4403, 0.3498, 0.3816
Android (android.graphics.Color)	4294965443 (0xFFFFF8C3)
YUV	244.0510, -24.1821, 9.6023
Hunter-Lab	96.1459, -10.9023, 27.1717

Details

The CIELCh color **97, 26.992, 102.428** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 28.122, 288.072**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **77, 27.167, 102.490** is the 20% darker color. If you saturate the color by 10%, you get **96, 38.381, 101.425**, and if you desaturate by 10%, it is **98, 15.498, 103.629**.

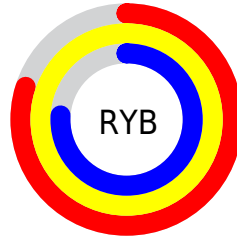
Distribution



Red (100%)

Green (97%)

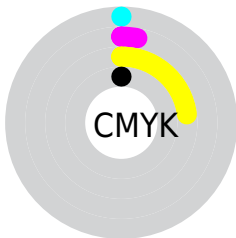
Blue (76%)



Red (80%)

Yellow (100%)

Blue (76%)

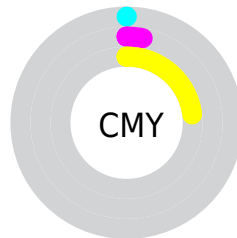


Cyan (0%)

Magenta (3%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (3%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 26.992, 102.428 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, 26.992, 102.428 by changing the saturation by 10% instead.

 97, 26.992,
102.428

 97, 26.992,
102.428

 100, 26.992,
102.428

 87, 26.992,
102.428

 77, 26.992,
102.428

 67, 26.992,
102.428

 57, 26.992,
102.428

 47, 26.992,
102.428

 37, 26.992,
102.428

 27, 26.992,

102.428

■ 17, 26.992,
102.428

■ 7, 26.992, 102.428

■ 97, 26.992,
102.428

■ 97, 26.992,
102.428

■ 96, 38.381,
101.425

■ 98, 15.498,
103.629

■ 95, 49.534,
100.315

■ 100, 3.990,
104.679

■ 94, 60.216, 99.221

100, 0.012,
296.813

■ 93, 70.057, 98.159

■ 92, 78.499, 97.146

■ 91, 84.824, 96.190

■ 90, 88.382, 95.281

■ 90, 89.357, 94.699

Harmonies

Complementary

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



97, 26.992, 102.428



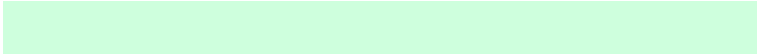
82, 28.122, 288.072

Rectangle

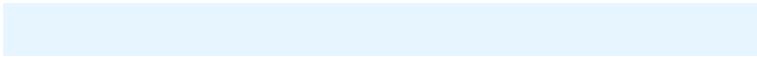
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 26.992, 102.428



97, 26.992, 152.428



97, 26.992, 282.428



97, 26.992, 332.428

Sweetspot

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



97, 26.989, 102.535



99, 8.037, 104.321



84, 22.891, 12.118



53, 5.223, 104.258



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

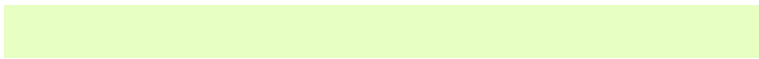
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 26.989, 102.535



96, 32.155, 102.034



97, 31.477, 123.675



53, 6.532, 104.057



69, 72.061, 94.854



24, 32.475, 96.083

Inverse Universe

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



82, 28.122, 288.072



79, 33.814, 288.787



82, 32.796, 306.228



49, 6.644, 286.167



25, 101.887, 304.719



5, 40.478, 299.656

Previews

White Background



This preview shows how the CIELCh color 97, 26.992, 102.428 looks on a white background.

Color Contrast Check

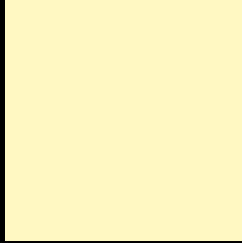
Large Text (above 18pt) WCAG AA × Fail

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, 26.992, 102.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

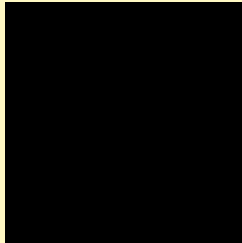
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 26.992, 102.428

Background



This preview shows how black text looks on a background with the CIELCh color 97, 26.992, 102.428.

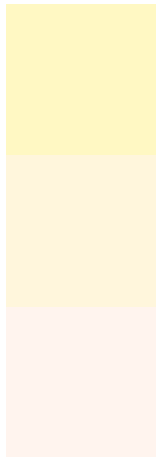


This preview shows how white text looks on a background with the CIELCh color 97, 26.992, 102.428.

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, 26.992, 102.428

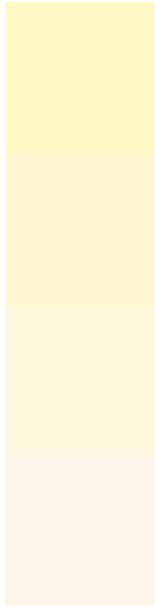
Protanopia
97, 13.634, 95.080

Deuteranopia
97, 4.969, 57.434



Tritanopia
97, 6.660, 329.623

Trichromacy



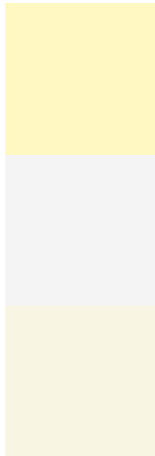
Original Color
97, 26.992, 102.428

Protanomaly
97, 18.536, 99.497

Deuteranomaly
97, 12.646, 94.080

Tritanomaly
97, 7.528, 80.937

Monochromacy



Original Color
97, 26.992, 102.428

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 10.211, 105.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 26.992, 102.428 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 26.992, 102.428 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, 195) }
```

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

```
.border{ border-color:rgb(255, 248, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 26.992, 102.428 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
248, 195) }
```

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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