

Converting Colors

CIELCh(97, 28.372, 99.479)

Have a look what the booklet for
CIELCh(97, 28.372, 99.479) contains.

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Color

CIELCh(97, 28.052, 101.748)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8C1
RGB	255, 248, 193
RGB Percent	100%, 97%, 76%
CMY	0.0000, 0.0274, 0.2433
CMYK	0.00, 0.03, 0.24, 0.00
HSL	53°, 100%, 88%
HSV	53°, 24%, 100%
XYZ	84.8069, 92.4403, 63.8043
YIQ	243.8230, 21.8270, -15.6210

Conversions

Conversions Part 2

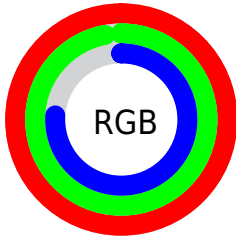
Format	Color
R_{YB}	201, 255, 193
Decimal	16775361
CIE _{Lab}	97.00, -5.71, 27.46
CIE _{LCh}	97, 28.052, 101.748
Yxy	92.4403, 0.3518, 0.3835
Android (android.graphics.Color)	4294965441 (0xFFFFF8C1)
YUV	243.8230, -25.0557, 9.8022
Hunter-Lab	96.1459, -10.8067, 27.9561

Details

The CIELCh color **97, 28.052, 101.748** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 29.247, 288.300**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **77, 28.207, 102.566** is the 20% darker color. If you saturate the color by 10%, you get **96, 39.411, 101.442**, and if you desaturate by 10%, it is **98, 16.505, 103.643**.

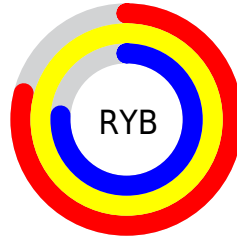
Distribution



Red (100%)

Green (97%)

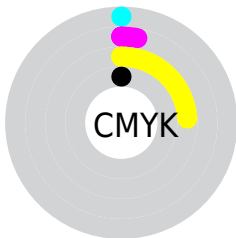
Blue (76%)



Red (79%)

Yellow (100%)

Blue (76%)

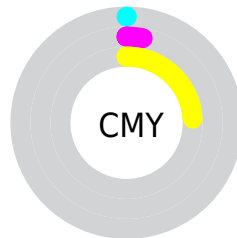


Cyan (0%)

Magenta (3%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 28.052, 101.748 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, 28.052, 101.748 by changing the saturation by 10% instead.

 97, 28.052,
101.748

 97, 28.052,
101.748

 100, 28.052,
101.748

 87, 28.052,
101.748

 77, 28.052,
101.748

 67, 28.052,
101.748

 57, 28.052,
101.748

 47, 28.052,
101.748

 37, 28.052,
101.748

 27, 28.052,

101.748

■ 17, 28.052,
101.748

■ 7, 28.052, 101.748

■ 97, 28.052,
101.748

■ 97, 28.052,
101.748

■ 96, 39.411,
101.442

■ 98, 16.505,
103.643

■ 95, 50.551,
100.336

■ 99, 4.972, 104.700
100, 0.012,
296.813

■ 94, 61.192, 99.248

■ 93, 70.947, 98.195

■ 92, 79.242, 97.193

■ 91, 85.354, 96.252

■ 90, 88.662, 95.359

■ 90, 89.473, 94.862

Harmonies

Complementary

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



97, 28.052, 101.748



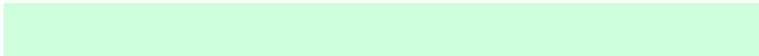
82, 29.247, 288.300

Rectangle

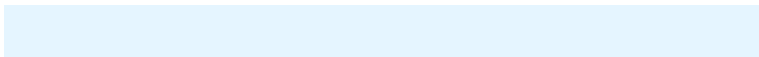
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 28.052, 101.748



97, 28.052, 151.748



97, 28.052, 281.748



97, 28.052, 331.748

Sweetspot

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



97, 28.014, 102.549



99, 8.054, 104.426



84, 23.775, 12.225



53, 5.234, 104.362



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

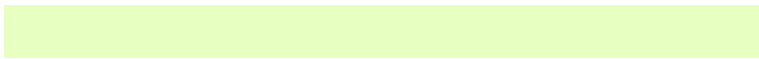
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 28.014, 102.549



96, 33.361, 102.032



97, 32.601, 123.630



53, 6.546, 104.161



69, 72.154, 95.012



24, 32.527, 96.221

Inverse Universe

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



82, 29.247, 288.300



78, 35.171, 289.050



82, 34.021, 306.283



49, 6.659, 286.268



25, 102.032, 304.759



5, 40.544, 299.698

Previews

White Background



This preview shows how the CIE LCh color 97, 28.052, 101.748 looks on a white background.

Color Contrast Check

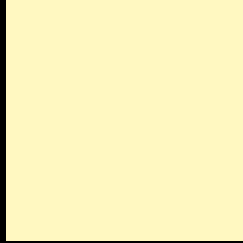
Large Text (above 18pt) WCAG AA × Fail

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, 28.052, 101.748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

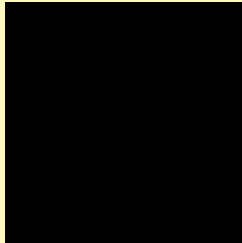
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 28.052, 101.748

Background



This preview shows how black text looks on a background with the CIELCh color 97, 28.052, 101.748.

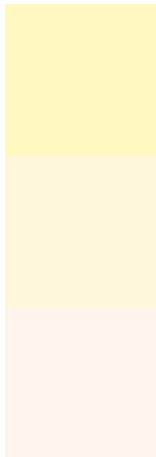


This preview shows how white text looks on a background with the CIELCh color 97, 28.052, 101.748.

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, 27.992, 102.538

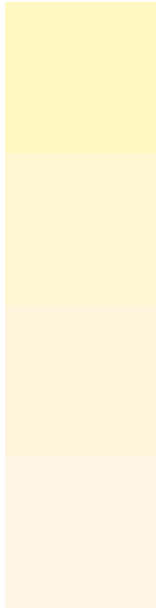
Protanopia
97, 14.129, 95.524

Deuteranopia
97, 5.301, 61.745



Tritanopia
97, 6.275, 332.584

Trichromacy



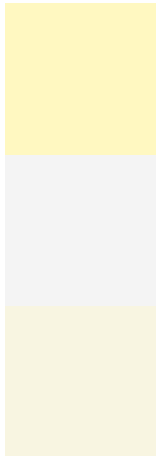
Original Color
97, 27.992, 102.538

Protanomaly
97, 19.037, 99.691

Deuteranomaly
97, 12.756, 92.469

Tritanomaly
97, 7.982, 82.625

Monochromacy



Original Color
97, 27.992, 102.538

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 10.248, 103.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 28.052, 101.748 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 28.052, 101.748 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, 193) }
```

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

```
.border{ border-color:rgb(255, 248, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 28.052, 101.748 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
248, 193) }
```

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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