

Converting Colors

CIELCh(100, 34.674, 75.605)

Have a look what the booklet for
CIELCh(100, 34.674, 75.605)
contains.

CIELCh(97, 29.051, 101.870)	3
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Color

CIELCh(97, 29.051, 101.870)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8BF
RGB	255, 248, 191
RGB Percent	100%, 97%, 75%
CMY	0.0000, 0.0270, 0.2507
CMYK	0.00, 0.03, 0.25, 0.00
HSL	54°, 100%, 87%
HSV	54°, 25%, 100%
XYZ	84.6675, 92.4403, 62.7065
YIQ	243.5950, 22.4690, -16.2430

Conversions

Conversions Part 2

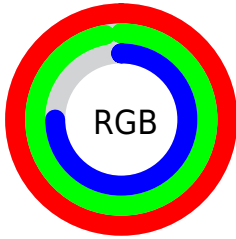
Format	Color
R _Y B	199, 255, 191
Decimal	16775359
CIE Lab	97.00, -5.98, 28.43
CIE LCh	97, 29.051, 101.870
Yxy	92.4403, 0.3531, 0.3855
Android (android.graphics.Color)	4294965439 (0xFFFFF8BF)
YUV	243.5950, -25.9293, 10.0022
Hunter-Lab	96.1459, -11.0656, 28.6331

Details

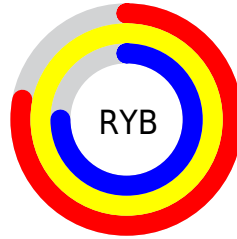
The CIELCh color **97, 29.051, 101.870** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 30.357, 288.651**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **77, 29.246, 102.629** is the 20% darker color. If you saturate the color by 10%, you get **96, 40.441, 101.625**, and if you desaturate by 10%, it is **98, 17.453, 103.816**.

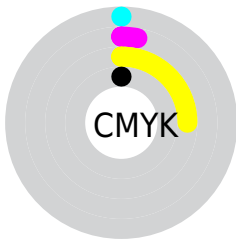
Distribution



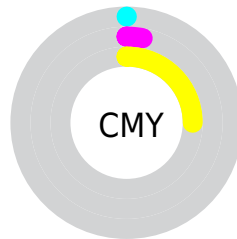
- Red (100%)
- Green (97%)
- Blue (75%)



- 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, 29.051, 101.870 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, 29.051, 101.870 by changing the saturation by 10% instead.


 97, 29.051,
101.870


 97, 29.051,
101.870

 100, 29.051,
101.870


 87, 29.051,
101.870

 77, 29.051,
101.870

 67, 29.051,
101.870

 57, 29.051,
101.870

 47, 29.051,
101.870

 37, 29.051,
101.870

 27, 29.051,

101.870

■ 17, 29.051,
101.870

■ 7, 29.051, 101.870

■ 97, 29.051,
101.870

■ 97, 29.051,
101.870

■ 96, 40.441,
101.625

■ 98, 17.453,
103.816

■ 95, 51.593,
100.528

■ 99, 5.863, 104.874
100, 0.012,
296.813

■ 94, 62.213, 99.452

■ 93, 71.899, 98.415

■ 92, 80.064, 97.436

■ 91, 85.983, 96.522

■ 90, 89.072, 95.664

■ 90, 89.758, 95.251

Harmonies

Complementary

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



97, 29.051, 101.870



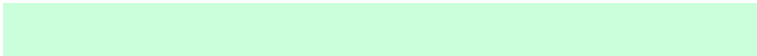
81, 30.357, 288.651

Rectangle

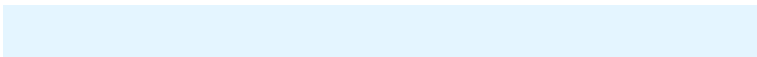
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 29.051, 101.870



97, 29.051, 151.870



97, 29.051, 281.870



97, 29.051, 331.870

Sweetspot

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



97, 29.010, 102.726



99, 9.255, 104.571



83, 24.558, 12.321



53, 6.580, 104.412



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

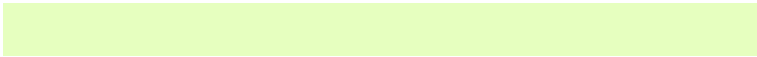
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 29.010, 102.726



96, 34.666, 102.184



97, 33.592, 123.590



53, 6.580, 104.412



70, 72.381, 95.394



24, 32.653, 96.552

Inverse Universe

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



81, 30.357, 288.651



77, 36.662, 289.450



81, 35.105, 306.331



49, 6.695, 286.511



25, 102.374, 304.854



5, 40.703, 299.801

Previews

White Background



This preview shows how the CIE LCh color 97, 29.051, 101.870 looks on a white background.

Color Contrast Check

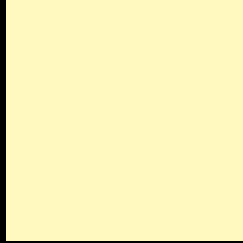
Large Text (above 18pt) WCAG AA × Fail

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, 29.051, 101.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

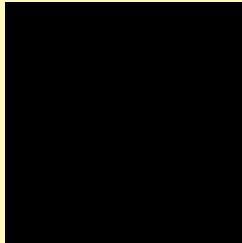
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 29.051, 101.870

Background



This preview shows how black text looks on a background with the CIELCh color 97, 29.051, 101.870.

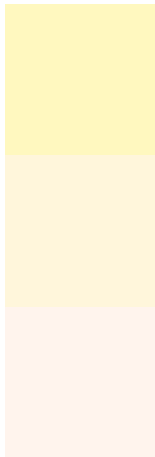


This preview shows how white text looks on a background with the CIELCh color 97, 29.051, 101.870.

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, 28.991, 102.636

Protanopia
97, 14.129, 95.524

Deuteranopia
97, 5.301, 61.745

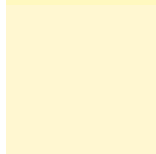


Tritanopia
97, 6.275, 332.584

Trichromacy



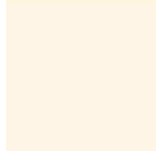
Original Color
97, 28.991, 102.636



Protanomaly
97, 19.538, 99.873



Deuteranomaly
97, 13.247, 93.042

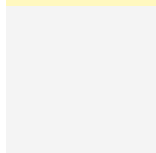


Tritanomaly
97, 8.442, 84.126

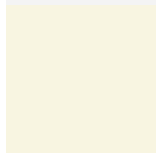
Monochromacy



Original Color
97, 28.991, 102.636



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, 29.051, 101.870 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 29.051, 101.870 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, 191) }
```

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

```
.border{ border-color:rgb(255, 248, 191) }
```

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, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 29.051, 101.870 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
248, 191) }
```

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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