

Converting Colors

CIELCh(100, 27.139, 72.079)

Have a look what the booklet for
CIELCh(100, 27.139, 72.079)
contains.

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Color

CIElCh(97, 21.980, 101.614)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8CD
RGB	255, 248, 205
RGB Percent	100%, 97%, 80%
CMY	0.0017, 0.0291, 0.1977
CMYK	0.00, 0.03, 0.20, 0.00
HSL	52°, 98%, 90%
HSV	52°, 20%, 100%
XYZ	85.4888, 92.4403, 70.8350
YIQ	245.1910, 17.9750, -11.8890

Conversions

Conversions Part 2

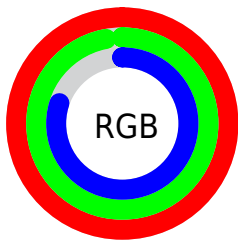
Format	Color
R_{YB}	213, 255, 205
Decimal	16775373
CIE _{Lab}	97.00, -4.42, 21.53
CIE _{LCh}	97, 21.980, 101.614
Yxy	92.4403, 0.3437, 0.3716
Android (android.graphics.Color)	4294965453 (0xFFFFF8CD)
YUV	245.1910, -19.8142, 8.6025
Hunter-Lab	96.1459, -9.5408, 23.6205

Details

The CIELCh color **97, 21.980, 101.614** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 22.665, 286.259**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 21.936, 101.859** is the 20% darker color. If you saturate the color by 10%, you get **96, 33.160, 100.484**, and if you desaturate by 10%, it is **98, 10.768, 102.730**.

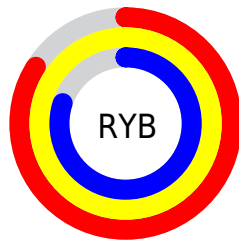
Distribution



Red (100%)

Green (97%)

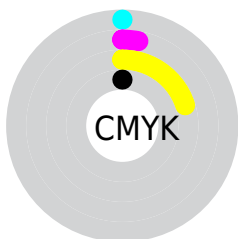
Blue (80%)



Red (84%)

Yellow (100%)

Blue (80%)

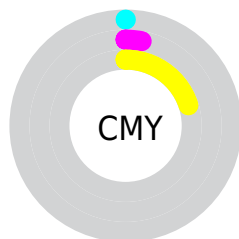


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 21.980, 101.614 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, 21.980, 101.614 by changing the saturation by 10% instead.


 97, 21.980,
101.614


 97, 21.980,
101.614


 100, 21.980,
101.614


 87, 21.980,
101.614

 77, 21.980,
101.614

 67, 21.980,
101.614

 57, 21.980,
101.614

 47, 21.980,
101.614

 37, 21.980,
101.614

 27, 21.980,

101.614

■ 17, 21.980,
101.614

■ 7, 21.980, 101.614

■ 97, 21.980,
101.614

■ 97, 21.980,
101.614

■ 96, 33.160,
100.484

■ 98, 10.768,
102.730

■ 94, 44.195, 99.336

100, 0.168,
274.962

■ 93, 54.907, 98.189

100, 0.149,
203.858

■ 92, 64.996, 97.056

■ 91, 73.987, 95.948

■ 90, 81.207, 94.868

■ 89, 85.902, 93.803

■ 88, 87.840, 92.720

■ 88, 87.891, 92.680

Harmonies

Complementary

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



97, 21.980, 101.614



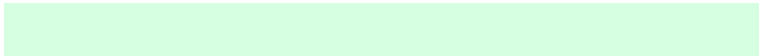
85, 22.665, 286.259

Rectangle

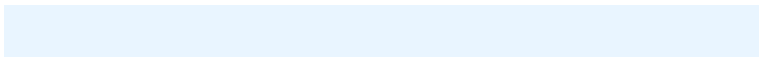
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 21.980, 101.614



97, 21.980, 151.614



97, 21.980, 281.614



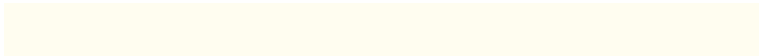
97, 21.980, 331.614

Sweetspot

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



97, 21.982, 101.620



99, 6.707, 103.120



87, 18.992, 9.061



53, 4.450, 103.051



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, 21.982, 101.620



97, 26.910, 101.126



97, 26.137, 122.608



53, 6.364, 102.744



68, 70.981, 92.875



23, 31.855, 94.357

Inverse Universe

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



85, 22.665, 286.259



82, 27.955, 286.919



85, 27.089, 304.820



49, 6.463, 284.901



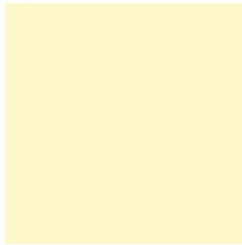
25, 99.982, 304.178



5, 39.677, 299.117

Previews

White Background



This preview shows how the CIE LCh color 97, 21.980, 101.614 looks on a white background.

Color Contrast Check

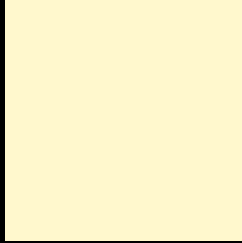
Large Text (above 18pt) WCAG AA × Fail

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, 21.980, 101.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

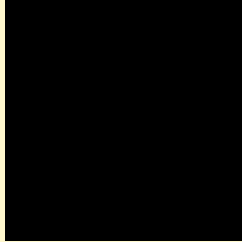
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 21.980, 101.614

Background



This preview shows how black text looks on a background with the CIELCh color 97, 21.980, 101.614.

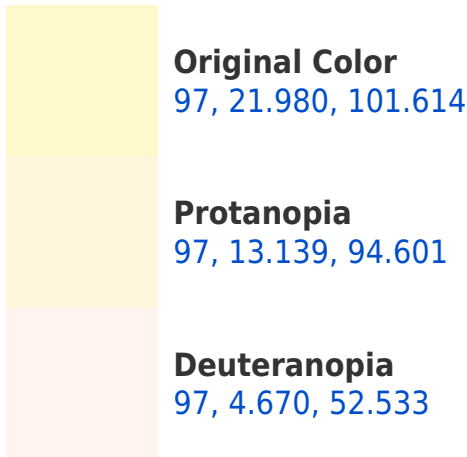



This preview shows how white text looks on a background with the CIELCh color 97, 21.980, 101.614.

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](#).

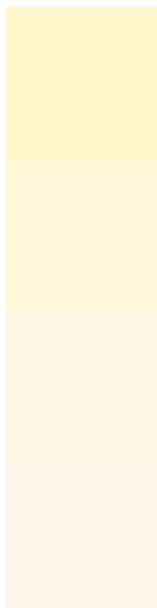
Dichromacy





Tritanopia
97, 6.660, 329.623

Trichromacy



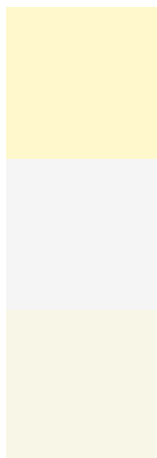
Original Color
97, 21.980, 101.614

Protanomaly
97, 16.533, 98.580

Deuteranomaly
97, 10.331, 88.730

Tritanomaly
97, 6.218, 74.387

Monochromacy



Original Color
97, 21.980, 101.614

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 8.179, 104.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 21.980, 101.614 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 21.980, 101.614 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, 205) }
```

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

```
.border{ border-color:rgb(255, 248, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 21.980, 101.614 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
248, 205) }
```

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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