

Converting Colors

CIELCh(100, 25.907, 69.635)

Have a look what the booklet for
CIELCh(100, 25.907, 69.635)
contains.

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Color

CIELCh(97, 20.474, 101.254)

Conversions

Conversions Part 1

Format	Color
Hex	FEF7CF
RGB	254, 247, 207
RGB Percent	100%, 97%, 81%
CMY	0.0024, 0.0298, 0.1866
CMYK	0.00, 0.03, 0.18, 0.00
HSL	51°, 97%, 91%
HSV	51°, 18%, 100%
XYZ	85.7171, 92.4403, 72.6275
YIQ	244.5330, 17.0120, -10.9560

Conversions

Conversions Part 2

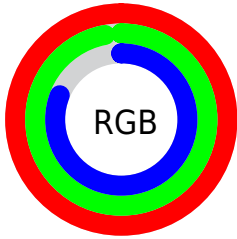
Format	Color
R_YB	215, 254, 207
Decimal	16709583
CIE Lab	97.00, -4.00, 20.08
CIE LCh	97, 20.474, 101.254
Yxy	92.4403, 0.3418, 0.3686
Android (android.graphics.Color)	4294899663 (0xFFFEF7CF)
YUV	244.5330, -18.5038, 8.3026
Hunter-Lab	96.1459, -9.1169, 22.5151

Details

The CIELCh color **97, 20.474, 101.254** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 21.048, 285.631**, 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, 20.380, 101.544** is the 20% darker color. If you saturate the color by 10%, you get **96, 31.568, 100.116**, and if you desaturate by 10%, it is **98, 9.365, 102.374**.

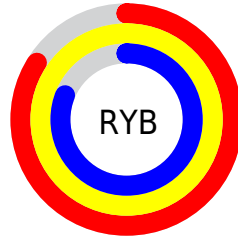
Distribution



Red (100%)

Green (97%)

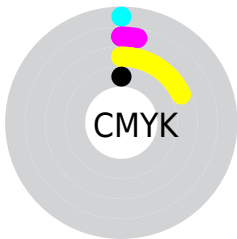
Blue (81%)



Red (84%)

Yellow (100%)

Blue (81%)

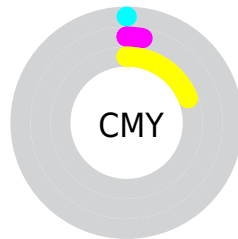


Cyan (0%)

Magenta (3%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 20.474, 101.254 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, 20.474, 101.254 by changing the saturation by 10% instead.


 97, 20.474,
101.254


 97, 20.474,
101.254


 100, 20.474,
101.254


 87, 20.474,
101.254

 77, 20.474,
101.254

 67, 20.474,
101.254

 57, 20.474,
101.254

 47, 20.474,
101.254

 37, 20.474,
101.254

 27, 20.474,

101.254

■ 17, 20.474,
101.254

■ 7, 20.474, 101.254

■ 97, 20.474,
101.254

■ 97, 20.474,
101.254

■ 96, 31.568,
100.116

■ 98, 9.365, 102.374

■ 94, 42.546, 98.957

100, 0.202,
205.739

■ 93, 53.241, 97.793

100, 0.209,
202.567

■ 92, 63.376, 96.639

■ 91, 72.502, 95.501

■ 89, 79.967, 94.384

■ 88, 85.001, 93.270

■ 87, 87.184, 92.123

■ 87, 87.397, 91.945

Harmonies

Complementary

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



97, 20.474, 101.254



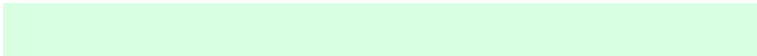
86, 21.048, 285.631

Rectangle

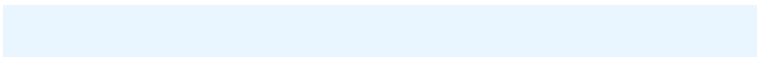
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 20.474, 101.254



97, 20.474, 151.254



97, 20.474, 281.254



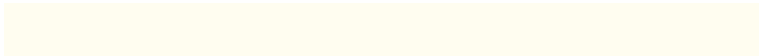
97, 20.474, 331.254

Sweetspot

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



97, 20.476, 101.260



99, 6.644, 102.639



87, 17.792, 8.921



53, 4.408, 102.570



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

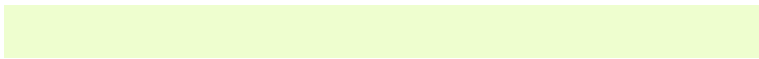
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 20.476, 101.260



97, 24.450, 100.858



98, 24.574, 122.673



53, 6.305, 102.261



67, 70.621, 92.154



23, 31.640, 93.726

Inverse Universe

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



86, 21.048, 285.631



84, 25.277, 286.155



86, 25.413, 304.743



49, 6.400, 284.434



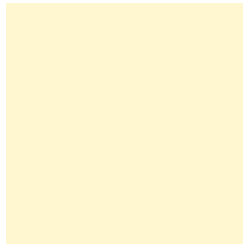
26, 99.246, 303.964



5, 39.393, 298.919

Previews

White Background



This preview shows how the CIE LCh color 97, 20.474, 101.254 looks on a white background.

Color Contrast Check

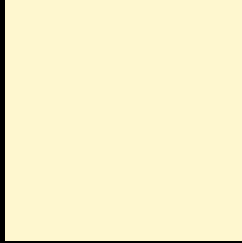
Large Text (above 18pt) WCAG AA × Fail

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, 20.474, 101.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

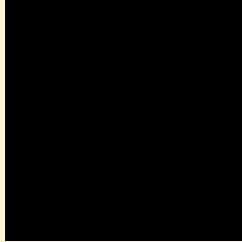
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 20.474, 101.254

Background



This preview shows how black text looks on a background with the CIELCh color 97, 20.474, 101.254.

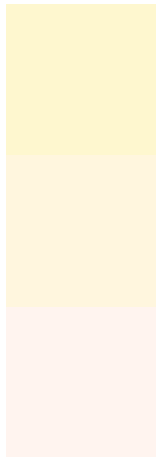


This preview shows how white text looks on a background with the CIELCh color 97, 20.474, 101.254.

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, 20.490, 101.246

Protanopia

97, 12.646, 94.080

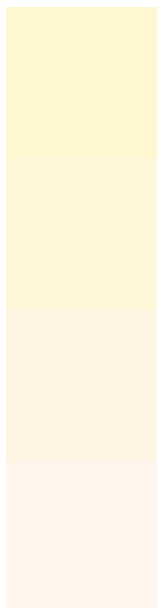
Deuteranopia

97, 4.670, 52.533



Tritanopia
97, 7.061, 326.996

Trichromacy



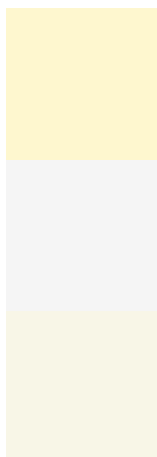
Original Color
97, 20.490, 101.246

Protanomaly
97, 15.533, 98.017

Deuteranomaly
97, 9.379, 86.668

Tritanomaly
97, 5.409, 68.280

Monochromacy



Original Color
97, 20.490, 101.246

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 7.671, 104.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 20.474, 101.254 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(254, 247, 207)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 207)  
}
```

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(254, 247, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 20.474, 101.254 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(254, 247, 207) }
```

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

```
.border{ border-color:rgb(254, 247, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 247, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 207);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 20.474, 101.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 207) }
```

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

```
.background{ background-color: rgb(254,  
247, 207) }
```

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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