

Converting Colors

CIE LCh(97, 10.029, 97.120)

Have a look what the booklet for
CIELCh(97, 10.029, 97.120) contains.

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Color

CIELCh(97, 9.907, 96.702)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FCF6E3 |
| RGB | 252, 246, 227 |
| RGB Percent | 99%, 96%, 89% |
| CMY | 0.0104, 0.0339, 0.1085 |
| CMYK | 0.00, 0.02, 0.10, 0.01 |
| HSL | 46°, 82%, 94% |
| HSV | 46°, 10%, 99% |
| XYZ | 87.2375, 92.4403, 86.1594 |
| YIQ | 245.6280, 9.6750, -4.6370 |

Conversions

Conversions Part 2

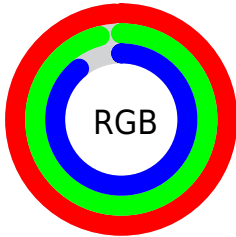
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 235, 252, 227 |
| Decimal | 16578275 |
| CIE Lab | 97.00, -1.16, 9.84 |
| CIE LCh | 97, 9.907, 96.702 |
| Yxy | 92.4403, 0.3282, 0.3477 |
| Android (android.graphics.Color) | 4294768355 (0xFFFCF6E3) |
| YUV | 245.6280, -9.1836, 5.5882 |
| Hunter-Lab | 96.1459, -6.2941, 14.1704 |

Details

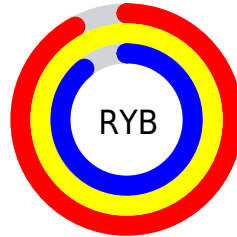
The CIELCh color **97, 9.907, 96.702** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 9.996, 279.163**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 9.803, 97.972** is the 20% darker color. If you saturate the color by 10%, you get **95, 20.027, 95.505**, and if you desaturate by 10%, it is **99, 0.101, 280.036**.

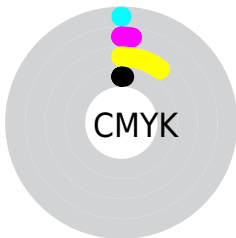
Distribution



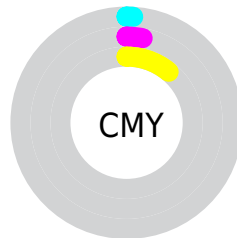
- Red (99%)
- Green (96%)
- Blue (89%)



- Red (92%)
- Yellow (99%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (1%)



- Cyan (1%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 9.907, 96.702 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, 9.907, 96.702 by changing the saturation by 10% instead.

| | |
|--|---|
|  97, 9.907, 96.702 |  97, 9.907, 96.702 |
|  100, 9.907, 96.702 |  87, 9.907, 96.702 |
| |  77, 9.907, 96.702 |
| |  67, 9.907, 96.702 |
| |  57, 9.907, 96.702 |
| |  47, 9.907, 96.702 |
| |  37, 9.907, 96.702 |
| |  27, 9.907, 96.702 |
| |  17, 9.907, 96.702 |
| |  7, 9.907, 96.702 |

97, 9.907, 96.702

97, 9.907, 96.702

95, 20.027, 95.505

99, 0.101, 280.036

93, 30.216, 94.251

100, 0.924,
200.064

91, 40.401, 92.965

89, 50.440, 91.650

87, 60.081, 90.305

86, 68.889, 88.915

84, 76.187, 87.443

82, 81.114, 85.810

81, 83.304, 83.938

Harmonies

Complementary

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



97, 9.907, 96.702



93, 9.996, 279.163

Rectangle

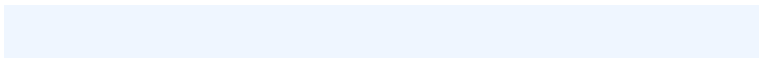
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 9.907, 96.702



97, 9.907, 146.702



97, 9.907, 276.702



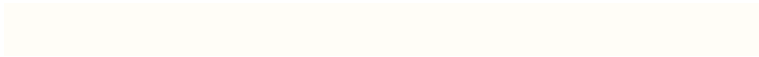
97, 9.907, 326.702

Sweetspot

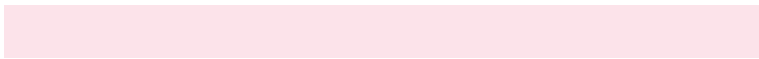
The Sweet Spot groups the original color and five complimentary colors.



97, 9.909, 96.715



99, 3.005, 97.484



92, 9.576, 0.414



53, 2.281, 97.405



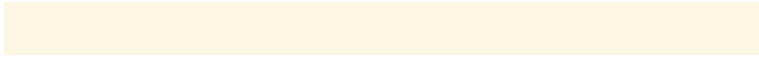
0, 0.000, 0.000



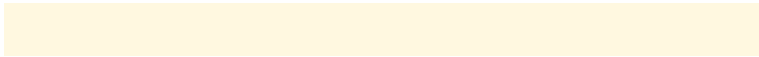
53, 0.007, 296.813

Same Dimension

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



97, 9.909, 96.715



97, 12.119, 96.466



98, 12.909, 119.293



51, 5.638, 96.764



62, 67.068, 84.307



20, 28.506, 86.776

Inverse Universe

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



93, 9.996, 279.163



92, 12.239, 279.447



92, 13.180, 300.559



49, 5.686, 279.108



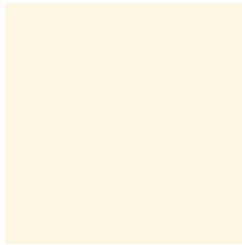
28, 89.223, 301.056



6, 34.599, 295.606

Previews

White Background



This preview shows how the CIELCh color 97, 9.907, 96.702 looks on a white background.

Color Contrast Check

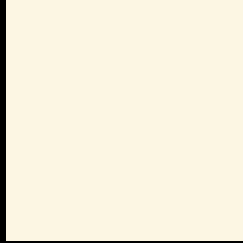
Large Text (above 18pt) WCAG AA × Fail

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, 9.907, 96.702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

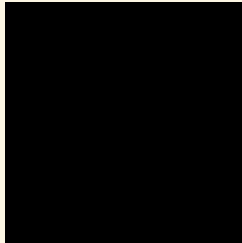
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 9.907, 96.702

Background



This preview shows how black text looks on a background with the CIELCh color 97, 9.907, 96.702.

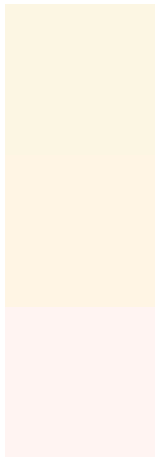


This preview shows how white text looks on a background with the CIELCh color 97, 9.907, 96.702.

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, 9.907, 96.702

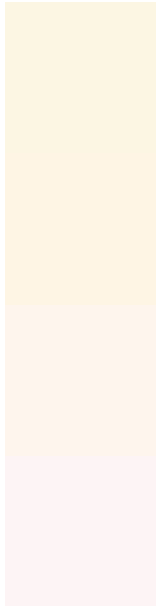
Protanopia
97, 9.379, 86.668

Deuteranopia
97, 4.038, 34.110



Tritanopia
97, 7.103, 319.977

Trichromacy



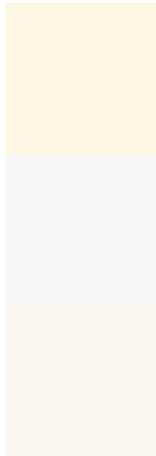
Original Color
97, 9.907, 96.702

Protanomaly
97, 9.244, 88.764

Deuteranomaly
97, 5.178, 71.285

Tritanomaly
97, 3.233, 10.344

Monochromacy



Original Color
97, 9.907, 96.702

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.625, 98.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 9.907, 96.702 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(252, 246, 227)` looks like.

```
.text, #text, p{  
    color:rgb(252, 246, 227)  
}
```

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(252, 246, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 246, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 9.907, 96.702 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(252, 246, 227) }
```

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

```
.border{ border-color:rgb(252, 246, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 246, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 246, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 246, 227);  
box-shadow:4px 4px 4px 4px rgb(252, 246,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 9.907, 96.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 246, 227) }
```

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

```
.background{ background-color: rgb(252,  
246, 227) }
```

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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