

Converting Colors

CIE LCh(97, 11.978, 96.913)

Have a look what the booklet for
CIELCh(97, 11.978, 96.913) contains.

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Color

CIELCh(97, 11.978, 96.913)

Conversions

Conversions Part 1

Format	Color
Hex	FDF6DF
RGB	253, 246, 223
RGB Percent	99%, 96%, 87%
CMY	0.0064, 0.0338, 0.1240
CMYK	0.00, 0.03, 0.12, 0.01
HSL	46°, 90%, 93%
HSV	46°, 12%, 99%
XYZ	87.0838, 92.4403, 83.3244
YIQ	245.4710, 11.5550, -5.6690

Conversions

Conversions Part 2

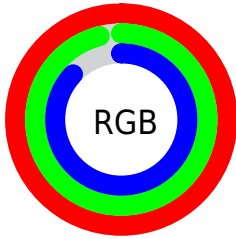
Format	Color
RYB	232, 253, 223
Decimal	16643807
CIELab	97.00, -1.44, 11.89
CIElCh	97, 11.978, 96.913
Yxy	92.4403, 0.3313, 0.3517
Android (android.graphics.Color)	4294833887 (0xFFFD6DF)
YUV	245.4710, -11.0782, 6.6029
Hunter-Lab	96.1459, -6.5794, 15.9187

Details

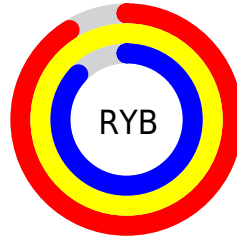
The CIELCh color **97, 11.978, 96.913** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 12.106, 279.848**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 11.976, 97.879** is the 20% darker color. If you saturate the color by 10%, you get **95, 22.212, 95.710**, and if you desaturate by 10%, it is **99, 1.845, 98.009**.

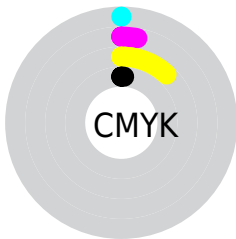
Distribution



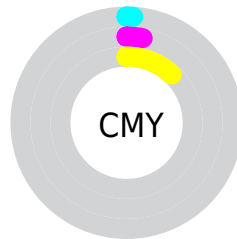
- Red (99%)
- Green (96%)
- Blue (87%)



- Red (91%)
- Yellow (99%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (12%)
- Black (1%)



- Cyan (1%)
- Magenta (3%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 11.978, 96.913 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, 11.978, 96.913 by changing the saturation by 10% instead.

 97, 11.978, 96.913

 97, 11.978, 96.913

 100, 11.978,
96.913

 87, 11.978, 96.913

 77, 11.978, 96.913

 67, 11.978, 96.913

 57, 11.978, 96.913

 47, 11.978, 96.913

 37, 11.978, 96.913

 27, 11.978, 96.913

 17, 11.978, 96.913

 7, 11.978, 96.913

97, 11.978, 96.913

97, 11.978, 96.913

95, 22.212, 95.710

99, 1.845, 98.009

93, 32.496, 94.457

100, 0.564,
200.545

91, 42.744, 93.173

89, 52.795, 91.863

88, 62.360, 90.524

86, 70.958, 89.140

84, 77.861, 87.669

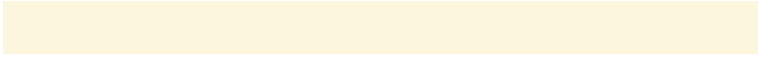
83, 82.210, 86.032

82, 83.770, 84.528

Harmonies

Complementary

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



97, 11.978, 96.913



92, 12.106, 279.848

Rectangle

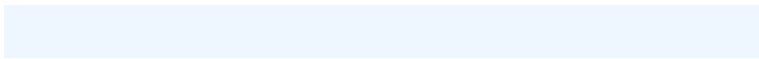
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 11.978, 96.913



97, 11.978, 146.913



97, 11.978, 276.913



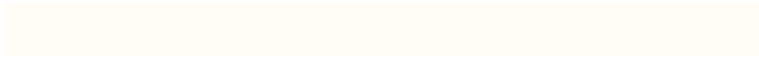
97, 11.978, 326.913

Sweetspot

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



97, 11.980, 96.924



99, 4.042, 97.820



92, 11.459, 1.850



53, 2.875, 97.740



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, 11.980, 96.924



97, 14.252, 96.666



98, 15.513, 119.824



52, 5.772, 97.199



63, 67.895, 84.887



21, 29.777, 87.222

Inverse Universe

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



92, 12.106, 279.848



91, 14.423, 280.149



90, 15.891, 301.308



50, 5.824, 279.535



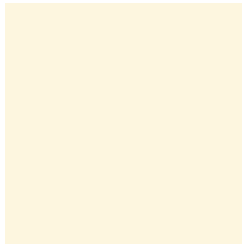
28, 90.936, 301.337



6, 36.359, 296.524

Previews

White Background



This preview shows how the CIE LCh color 97, 11.978, 96.913 looks on a white background.

Color Contrast Check

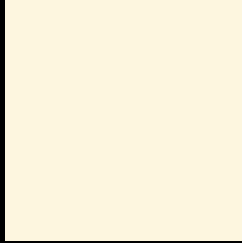
Large Text (above 18pt) WCAG AA × Fail

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, 11.978, 96.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

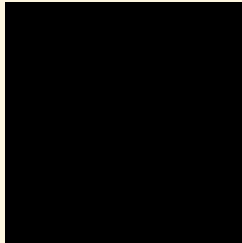
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 11.978, 96.913

Background



This preview shows how black text looks on a background with the CIELCh color 97, 11.978, 96.913.

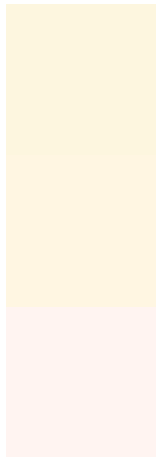


This preview shows how white text looks on a background with the CIELCh color 97, 11.978, 96.913.

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, 11.978, 96.913

Protanopia

97, 10.686, 91.482

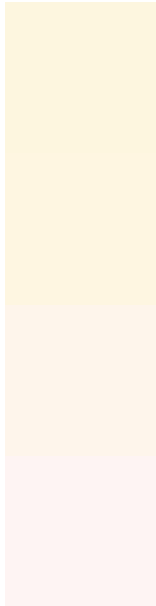
Deuteranopia

97, 4.197, 40.844



Tritanopia
97, 7.283, 322.376

Trichromacy



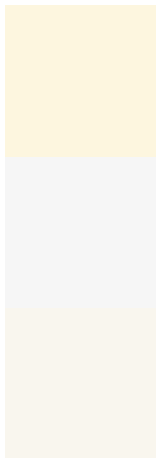
Original Color
97, 11.978, 96.913

Protanomaly
97, 11.072, 94.043

Deuteranomaly
97, 6.016, 77.211

Tritanomaly
97, 3.584, 27.632

Monochromacy



Original Color
97, 11.978, 96.913

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 4.200, 95.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 11.978, 96.913 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(253, 246, 223)` looks like.

```
.text, #text, p{  
    color:rgb(253, 246, 223)  
}
```

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(253, 246, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 246, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 11.978, 96.913 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(253, 246, 223) }
```

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

```
.border{ border-color:rgb(253, 246, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 246, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 246, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 246, 223);  
box-shadow:4px 4px 4px 4px rgb(253, 246,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 11.978, 96.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 246, 223) }
```

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

```
.background{ background-color: rgb(253,  
246, 223) }
```

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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