

Converting Colors

CIELCh(100, 22.534, 47.315)

Have a look what the booklet for
CIELCh(100, 22.534, 47.315)
contains.

CIELCh(97, 10.950, 87.796)	3
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Color

CIELCh(97, 10.950, 87.796)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5E1
RGB	255, 245, 225
RGB Percent	100%, 96%, 88%
CMY	0.0000, 0.0381, 0.1166
CMYK	0.00, 0.04, 0.12, 0.00
HSL	40°, 100%, 94%
HSV	40°, 12%, 100%
XYZ	88.0898, 92.4403, 84.6280
YIQ	245.7100, 12.3800, -4.1000

Conversions

Conversions Part 2

Format	Color
R_{YB}	240, 255, 225
Decimal	16774625
CIE _{Lab}	97.00, 0.42, 10.94
CIE _{LCh}	97, 10.950, 87.796
Yxy	92.4403, 0.3322, 0.3486
Android (android.graphics.Color)	4294964705 (0xFFFFF5E1)
YUV	245.7100, -10.2100, 8.1473
Hunter-Lab	96.1459, -4.7118, 15.1148

Details

The CIELCh color **97, 10.950, 87.796** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 10.781, 273.261**, 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, 10.732, 90.295** is the 20% darker color. If you saturate the color by 10%, you get **94, 20.251, 88.899**, and if you desaturate by 10%, it is **100, 1.509, 91.284**.

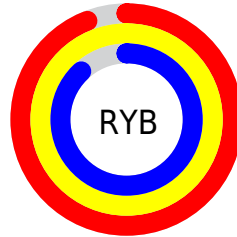
Distribution



Red (100%)

Green (96%)

Blue (88%)



Red (94%)

Yellow (100%)

Blue (88%)



Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 10.950, 87.796 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, 10.950, 87.796 by changing the saturation by 10% instead.

 97, 10.950, 87.796

 97, 10.950, 87.796

 100, 10.950,
87.796

 87, 10.950, 87.796

 77, 10.950, 87.796

 67, 10.950, 87.796

 57, 10.950, 87.796

 47, 10.950, 87.796

 37, 10.950, 87.796

 27, 10.950, 87.796

 17, 10.950, 87.796

 7, 10.950, 87.796

97, 10.950, 87.796

97, 10.950, 87.796

94, 20.251, 88.899

100, 1.509, 91.284

92, 29.885, 87.559

100, 0.012,
296.813

89, 39.635, 86.178

87, 49.380, 84.752

85, 58.889, 83.267

82, 67.732, 81.682

80, 75.195, 79.910

78, 80.312, 77.794

76, 82.538, 75.687

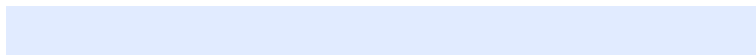
Harmonies

Complementary

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



97, 10.950, 87.796



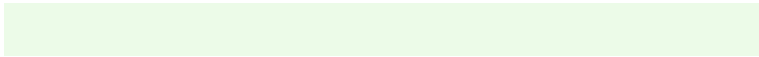
93, 10.781, 273.261

Rectangle

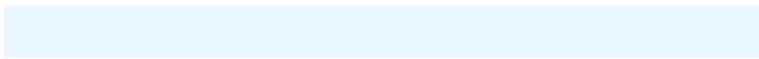
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 10.950, 87.796



97, 10.950, 137.796



97, 10.950, 267.796



97, 10.950, 317.796

Sweetspot

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



97, 10.785, 90.189



99, 2.743, 91.202



92, 11.868, 354.771



53, 2.082, 91.125



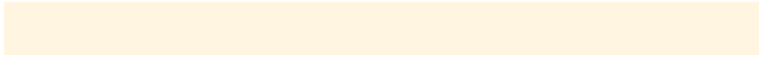
0, 0.000, 0.000



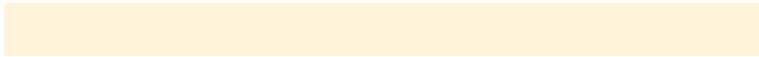
53, 0.007, 296.813

Same Dimension

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



97, 10.785, 90.189



96, 12.985, 89.892



99, 15.169, 115.859



52, 5.247, 90.457



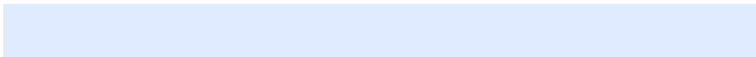
59, 66.505, 76.224



19, 28.189, 78.987

Inverse Universe

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



93, 10.781, 273.261



91, 12.970, 273.606



91, 15.565, 297.615



50, 5.249, 272.958



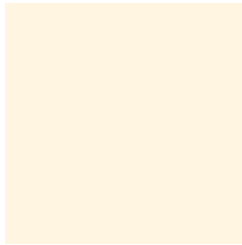
32, 79.853, 297.070



8, 32.037, 291.995

Previews

White Background



This preview shows how the CIE LCh color 97, 10.950, 87.796 looks on a white background.

Color Contrast Check

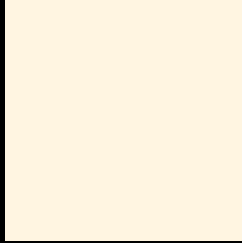
Large Text (above 18pt) WCAG AA × Fail

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, 10.950, 87.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

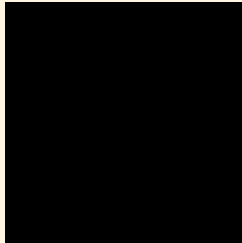
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

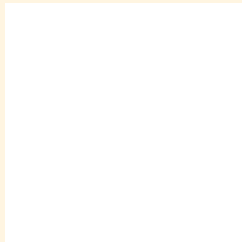
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 10.950, 87.796

Background



This preview shows how black text looks on a background with the CIELCh color 97, 10.950, 87.796.

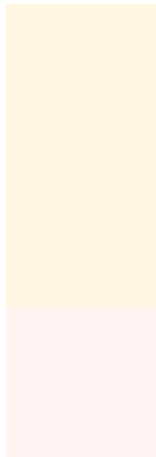


This preview shows how white text looks on a background with the CIELCh color 97, 10.950, 87.796.

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, 10.812, 89.619

Protanopia

97, 10.331, 88.730

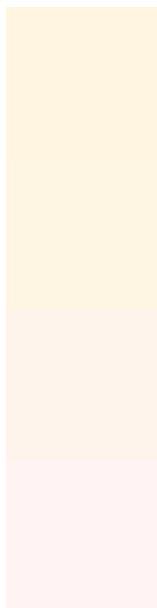
Deuteranopia

97, 4.197, 40.844



Tritanopia
97, 8.100, 324.685

Trichromacy



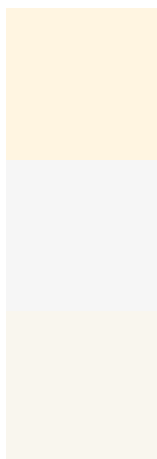
Original Color
97, 10.812, 89.619

Protanomaly
97, 10.331, 88.730

Deuteranomaly
97, 6.040, 68.836

Tritanomaly
97, 4.296, 12.728

Monochromacy



Original Color
97, 10.812, 89.619

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, 10.950, 87.796 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, 245, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 225)  
}
```

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, 245, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 10.950, 87.796 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, 245, 225) }
```

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

```
.border{ border-color:rgb(255, 245, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 245, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 245, 225); box-shadow:4px 4px 4px 4px rgb(255, 245, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 10.950, 87.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 225) }
```

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

```
.background{ background-color: rgb(255,  
245, 225) }
```

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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