

Converting Colors

CIELCh(100, 15.467, 47.751)

Have a look what the booklet for
CIELCh(100, 15.467, 47.751)
contains.

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Color

CIELCh(97, 7.669, 87.493)

Conversions

Conversions Part 1

Format	Color
Hex	FEF6E8
RGB	254, 246, 232
RGB Percent	100%, 96%, 91%
CMY	0.0056, 0.0370, 0.0918
CMYK	0.00, 0.03, 0.09, 0.01
HSL	38°, 88%, 95%
HSV	38°, 9%, 99%
XYZ	88.0434, 92.4403, 89.2381
YIQ	246.7960, 9.2620, -2.6580

Conversions

Conversions Part 2

Format	Color
R _Y B	245, 254, 232
Decimal	16709352
CIE Lab	97.00, 0.34, 7.66
CIE LCh	97, 7.669, 87.493
Yxy	92.4403, 0.3264, 0.3427
Android (android.graphics.Color)	4294899432 (0xFFFEF6E8)
YUV	246.7960, -7.2944, 6.3179
Hunter-Lab	96.1459, -4.7980, 12.2719

Details

The CIELCh color **97, 7.669, 87.493** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 7.648, 269.839**, 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, 7.933, 89.778** is the 20% darker color. If you saturate the color by 10%, you get **94, 16.745, 86.226**, and if you desaturate by 10%, it is **100, 0.442, 214.940**.

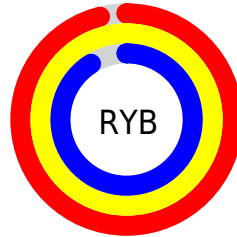
Distribution



Red (100%)

Green (96%)

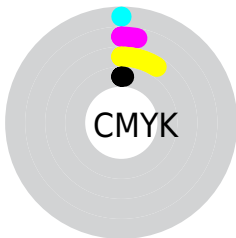
Blue (91%)



Red (96%)

Yellow (100%)

Blue (91%)

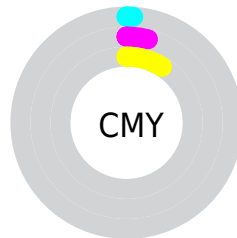


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (1%)



Cyan (1%)

Magenta (4%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 7.669, 87.493 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, 7.669, 87.493 by changing the saturation by 10% instead.

 97, 7.669, 87.493

 97, 7.669, 87.493

 100, 7.669, 87.493

 87, 7.669, 87.493

 77, 7.669, 87.493

 67, 7.669, 87.493

 57, 7.669, 87.493

 47, 7.669, 87.493

 37, 7.669, 87.493

 27, 7.669, 87.493

 17, 7.669, 87.493

 7, 7.669, 87.493

97, 7.669, 87.493

97, 7.669, 87.493

94, 16.745, 86.226

100, 0.442,
214.940

91, 26.042, 84.883

100, 0.500,
200.698

89, 35.531, 83.497

86, 45.134, 82.067

83, 54.681, 80.581

81, 63.839, 79.001

79, 72.009, 77.243

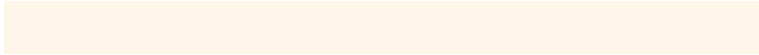
76, 78.268, 75.146

74, 81.803, 72.510

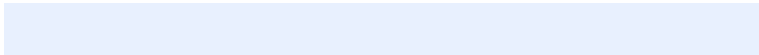
Harmonies

Complementary

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



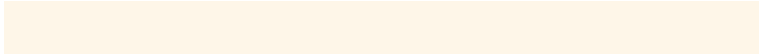
97, 7.669, 87.493



94, 7.648, 269.839

Rectangle

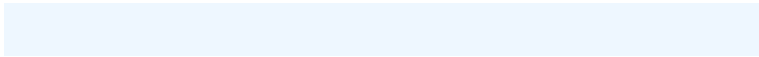
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



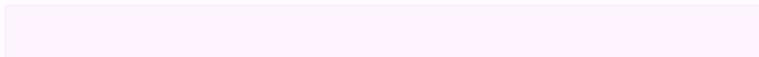
97, 7.669, 87.493



97, 7.669, 137.493



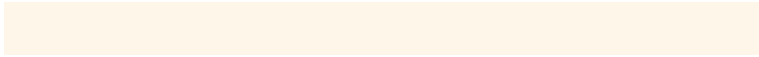
97, 7.669, 267.493



97, 7.669, 317.493

Sweetspot

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



97, 7.670, 87.511



99, 2.642, 88.154



94, 8.896, 352.257



53, 2.006, 88.078



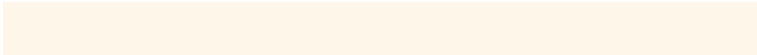
0, 0.000, 0.000



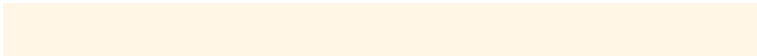
53, 0.007, 296.813

Same Dimension

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



97, 7.670, 87.511



97, 8.909, 87.345



99, 11.196, 114.743



52, 5.062, 87.407



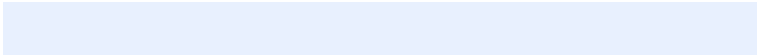
57, 66.463, 72.730



19, 27.729, 75.462

Inverse Universe

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



94, 7.648, 269.839



94, 8.872, 270.026



93, 11.424, 296.114



50, 5.043, 269.956



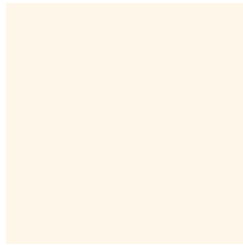
34, 75.202, 294.928



9, 30.166, 289.527

Previews

White Background



This preview shows how the CIELCh color 97, 7.669, 87.493 looks on a white background.

Color Contrast Check

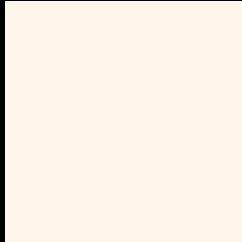
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 7.669, 87.493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

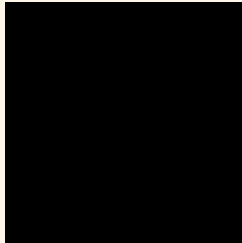
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 7.669, 87.493

Background



This preview shows how black text looks on a background with the CIELCh color 97, 7.669, 87.493.

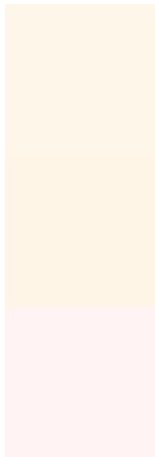


This preview shows how white text looks on a background with the CIELCh color 97, 7.669, 87.493.

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, 7.676, 87.489

Protanopia

97, 7.824, 85.010

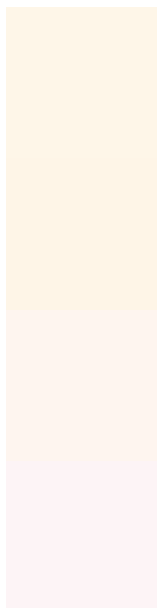
Deuteranopia

97, 3.939, 26.928



Tritanopia
97, 7.103, 319.977

Trichromacy



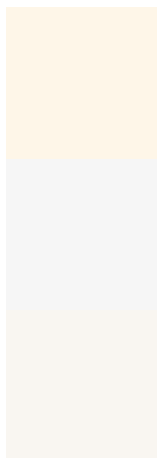
Original Color
97, 7.676, 87.489

Protanomaly
97, 7.824, 85.010

Deuteranomaly
97, 4.417, 63.171

Tritanomaly
97, 3.354, 1.720

Monochromacy



Original Color
97, 7.676, 87.489

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 2.745, 87.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 7.669, 87.493 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, 246, 232)` looks like.

```
.text, #text, p{  
    color:rgb(254, 246, 232)  
}
```

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, 246, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 246, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 7.669, 87.493 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, 246, 232) }
```

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

```
.border{ border-color:rgb(254, 246, 232) }
```

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

Here you see how a box with a 4 pixel rgb(254, 246, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 246, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 246, 232);  
box-shadow:4px 4px 4px 4px rgb(254, 246,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 7.669, 87.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 246, 232) }
```

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

```
.background{ background-color: rgb(254,  
246, 232) }
```

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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