

Converting Colors

CIELCh(100, 18.851, 53.924)

Have a look what the booklet for
CIELCh(100, 18.851, 53.924)
contains.

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Color

CIELCh(97, 11.064, 94.048)

Conversions

Conversions Part 1

Format	Color
Hex	FEF6E1
RGB	254, 246, 225
RGB Percent	100%, 96%, 88%
CMY	0.0038, 0.0352, 0.1175
CMYK	0.00, 0.03, 0.11, 0.00
HSL	43°, 94%, 94%
HSV	43°, 11%, 100%
XYZ	87.4397, 92.4403, 84.4976
YIQ	245.9980, 11.5090, -4.8350

Conversions

Conversions Part 2

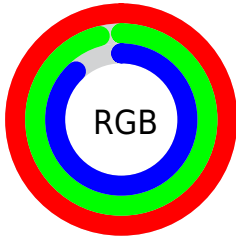
Format	Color
R _Y B	236, 254, 225
Decimal	16709345
CIE Lab	97.00, -0.78, 11.04
CIE LCh	97, 11.064, 94.048
Yxy	92.4403, 0.3307, 0.3497
Android (android.graphics.Color)	4294899425 (0xFFFEF6E1)
YUV	245.9980, -10.3520, 7.0178
Hunter-Lab	96.1459, -5.9187, 15.1953

Details

The CIELCh color **97, 11.064, 94.048** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 11.130, 276.966**, 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, 11.015, 94.961** is the 20% darker color. If you saturate the color by 10%, you get **95, 20.925, 92.809**, and if you desaturate by 10%, it is **99, 1.345, 95.120**.

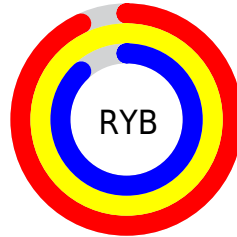
Distribution



Red (100%)

Green (96%)

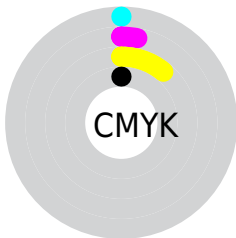
Blue (88%)



Red (93%)

Yellow (100%)

Blue (88%)

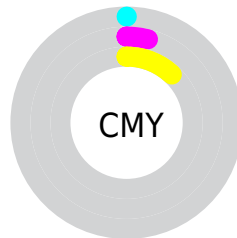


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 11.064, 94.048 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, 11.064, 94.048 by changing the saturation by 10% instead.

 97, 11.064, 94.048

 97, 11.064, 94.048

 100, 11.064,
94.048

 87, 11.064, 94.048

 77, 11.064, 94.048

 67, 11.064, 94.048

 57, 11.064, 94.048

 47, 11.064, 94.048

 37, 11.064, 94.048

 27, 11.064, 94.048

 17, 11.064, 94.048

 7, 11.064, 94.048

97, 11.064, 94.048

97, 11.064, 94.048

95, 20.925, 92.809

99, 1.345, 95.120

93, 30.890, 91.512

100, 0.340,
201.331

90, 40.890, 90.178

88, 50.785, 88.807

86, 60.319, 87.392

84, 69.038, 85.904

82, 76.227, 84.284

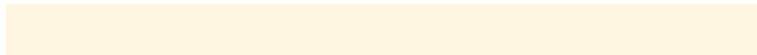
81, 80.976, 82.419

79, 82.898, 80.553

Harmonies

Complementary

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



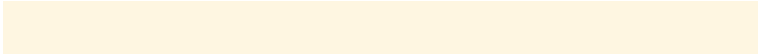
97, 11.064, 94.048



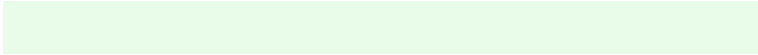
92, 11.130, 276.966

Rectangle

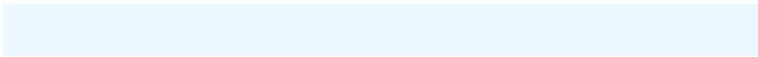
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 11.064, 94.048



97, 11.064, 144.048



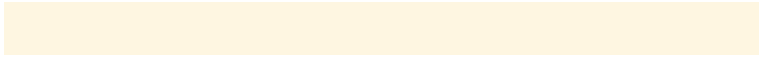
97, 11.064, 274.048



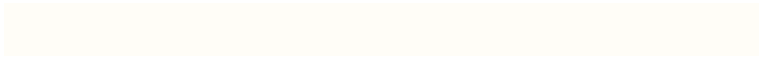
97, 11.064, 324.048

Sweetspot

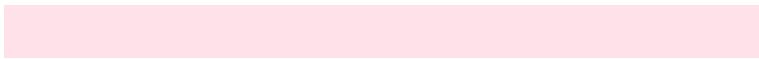
The Sweet Spot groups the original color and five complimentary colors.



97, 11.066, 94.060



99, 2.892, 95.025



92, 11.287, 358.190



53, 2.196, 94.946



0, 0.000, 0.000



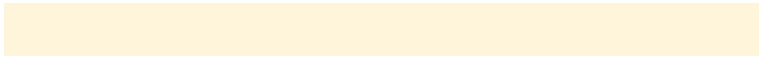
53, 0.007, 296.813

Same Dimension

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



97, 11.066, 94.060



97, 13.652, 93.741



99, 14.876, 117.879



52, 5.523, 94.291



61, 67.038, 80.994



20, 28.984, 83.600

Inverse Universe

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



92, 11.130, 276.966



91, 13.739, 277.337



91, 15.243, 299.442



50, 5.554, 276.706



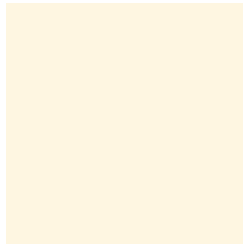
30, 86.056, 299.584



7, 34.514, 294.779

Previews

White Background



This preview shows how the CIE LCh color 97, 11.064, 94.048 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, 11.064, 94.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

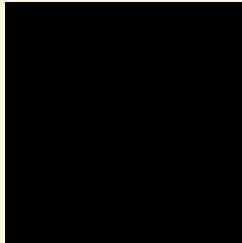
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 11.064, 94.048

Background



This preview shows how black text looks on a background with the CIELCh color 97, 11.064, 94.048.

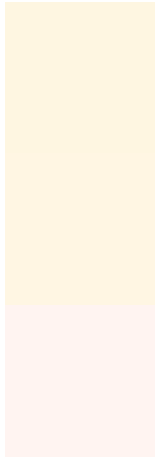


This preview shows how white text looks on a background with the CIELCh color 97, 11.064, 94.048.

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, 11.072, 94.043

Protanopia

97, 10.200, 90.667

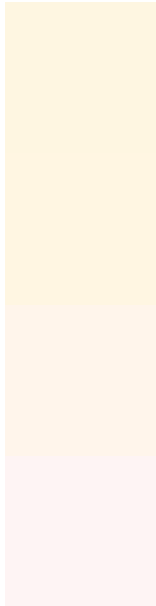
Deuteranopia

97, 4.197, 40.844



Tritanopia
97, 7.283, 322.376

Trichromacy



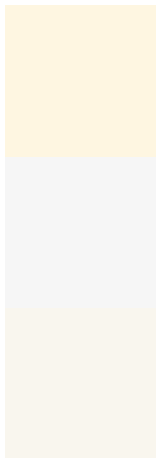
Original Color
97, 11.072, 94.043

Protanomaly
97, 10.686, 91.482

Deuteranomaly
97, 6.218, 74.387

Tritanomaly
97, 3.548, 19.459

Monochromacy



Original Color
97, 11.072, 94.043

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, 11.064, 94.048 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(254, 246, 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(254, 246, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 246, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 11.064, 94.048 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, 225) }
```

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

```
.border{ border-color:rgb(254, 246, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 246, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 246, 225);  
box-shadow:4px 4px 4px 4px rgb(254, 246,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 11.064, 94.048 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, 225) }
```

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

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