

Converting Colors

CIELCh(94, 7.119, 88.700)

Have a look what the booklet for
CIELCh(94, 7.119, 88.700) contains.

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Color

CIELCh(94, 7.119, 88.700)

Conversions

Conversions Part 1

Format	Color
Hex	F4EDE0
RGB	244, 237, 224
RGB Percent	96%, 93%, 88%
CMY	0.0427, 0.0701, 0.1211
CMYK	0.00, 0.03, 0.08, 0.04
HSL	39°, 48%, 92%
HSV	39°, 8%, 96%
XYZ	81.1309, 85.2715, 82.7809
YIQ	237.6110, 8.3450, -2.5590

Conversions

Conversions Part 2

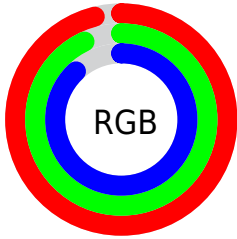
Format	Color
R _Y B	235, 244, 224
Decimal	16051680
CIE Lab	94.00, 0.16, 7.12
CIE LCh	94, 7.119, 88.700
Yxy	85.2715, 0.3256, 0.3422
Android (android.graphics.Color)	4294241760 (0xFFFF4EDE0)
YUV	237.6110, -6.7102, 5.6032
Hunter-Lab	92.3426, -4.7720, 11.4891

Details

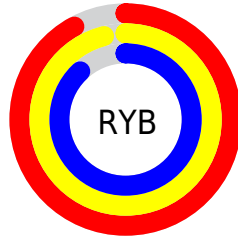
The CIELCh color **94, 7.119, 88.700** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 7.113, 270.905**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 6.995, 86.921** is the 20% darker color. If you saturate the color by 10%, you get **91, 16.011, 87.445**, and if you desaturate by 10%, it is **97, 1.564, 270.199**.

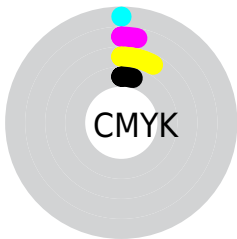
Distribution



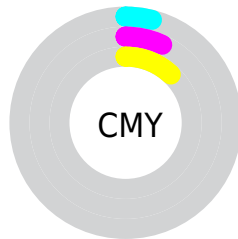
- Red (96%)
- Green (93%)
- Blue (88%)



- Red (92%)
- Yellow (96%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (4%)

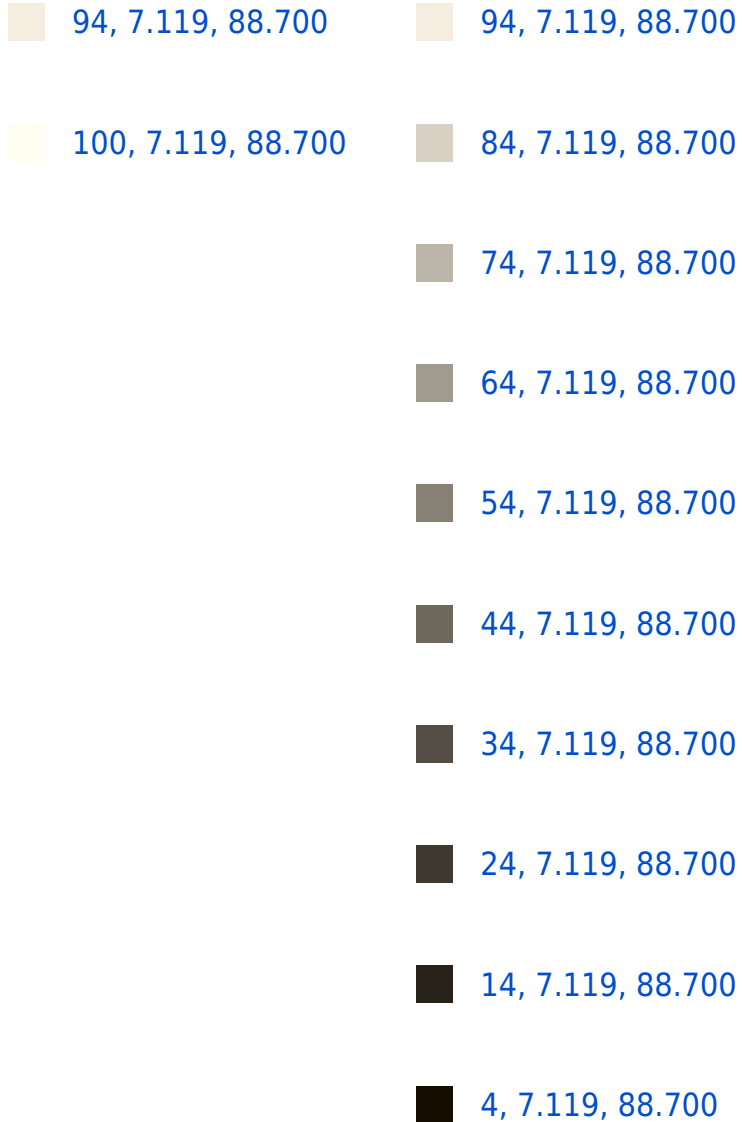


- Cyan (4%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 7.119, 88.700 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 94, 7.119, 88.700 by changing the saturation by 10% instead.



94, 7.119, 88.700

94, 7.119, 88.700

91, 16.011, 87.445

97, 1.564, 270.199

89, 25.101, 86.112

99, 3.501, 206.134

86, 34.359, 84.736

99, 3.762, 199.343

84, 43.708, 83.316

81, 52.982, 81.842

79, 61.864, 80.281

77, 69.784, 78.557

75, 75.872, 76.525

73, 79.317, 73.993

Harmonies

Complementary

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



94, 7.119, 88.700



92, 7.113, 270.905

Rectangle

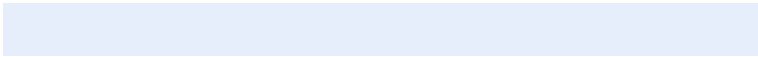
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 7.119, 88.700



94, 7.119, 138.700



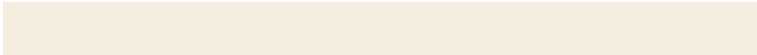
94, 7.119, 268.700



94, 7.119, 318.700

Sweetspot

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



94, 7.120, 88.719



99, 1.780, 89.369



91, 8.072, 353.291



53, 1.011, 89.373



0, 0.000, 0.000



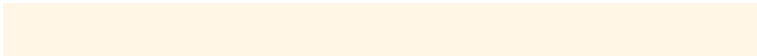
53, 0.007, 296.813

Same Dimension

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



94, 7.120, 88.719



97, 9.025, 88.493



96, 10.279, 115.449



50, 4.959, 88.559



56, 65.121, 74.075



17, 25.561, 76.826

Inverse Universe

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



92, 7.113, 270.905



94, 9.003, 271.157



90, 10.477, 296.699



48, 4.949, 271.082



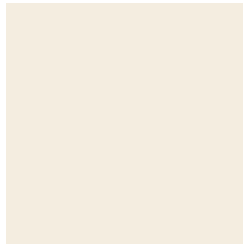
33, 75.236, 295.676



8, 28.709, 289.703

Previews

White Background



This preview shows how the CIE LCh color 94, 7.119, 88.700 looks on a white background.

Color Contrast Check

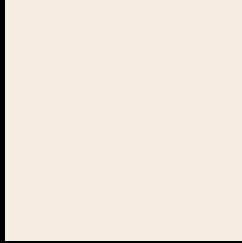
Large Text (above 18pt) WCAG AA × Fail

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 94, 7.119, 88.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

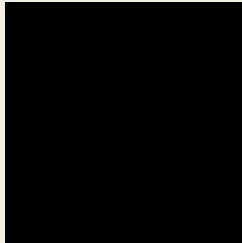
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

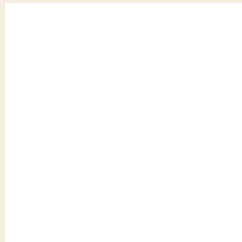
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 7.119, 88.700

Background



This preview shows how black text looks on a background with the CIELCh color 94, 7.119, 88.700.

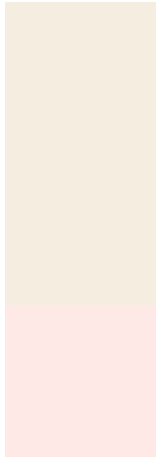


This preview shows how white text looks on a background with the CIELCh color 94, 7.119, 88.700.

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


94, 7.119, 88.700

Protanopia

94, 7.256, 85.996

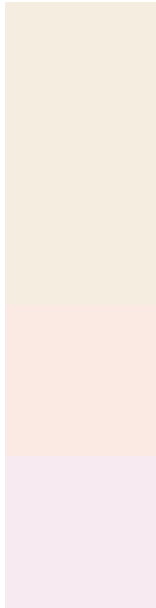
Deuteranopia

94, 8.125, 30.751



Tritanopia
94, 10.707, 320.102

Trichromacy



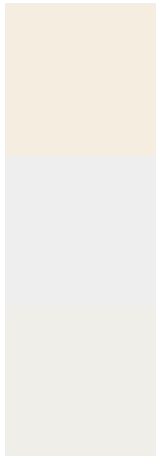
Original Color
94, 7.119, 88.700

Protanomaly
94, 7.256, 85.996

Deuteranomaly
94, 6.884, 46.211

Tritanomaly
94, 5.882, 341.978

Monochromacy



Original Color
94, 7.119, 88.700

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.648, 94.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 7.119, 88.700 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(244, 237, 224)` looks like.

```
.text, #text, p{  
    color:rgb(244, 237, 224)  
}
```

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(244, 237, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 237, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 7.119, 88.700 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(244, 237, 224) }
```

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

```
.border{ border-color:rgb(244, 237, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 237, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 237, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 237, 224); box-shadow:4px 4px 4px 4px rgb(244, 237, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 7.119, 88.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 237, 224) }
```

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

```
.background{ background-color: rgb(244,  
237, 224) }
```

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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