

Converting Colors

CIELCh(94, 8.443, 87.610)

Have a look what the booklet for
CIELCh(94, 8.443, 87.610) contains.

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Color

CIELCh(94, 8.347, 86.372)

Conversions

Conversions Part 1

Format	Color
Hex	F6EDDE
RGB	246, 237, 222
RGB Percent	96%, 93%, 87%
CMY	0.0361, 0.0714, 0.1302
CMYK	0.00, 0.04, 0.10, 0.04
HSL	38°, 57%, 92%
HSV	38°, 10%, 96%
XYZ	81.3192, 85.2715, 81.1414
YIQ	237.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

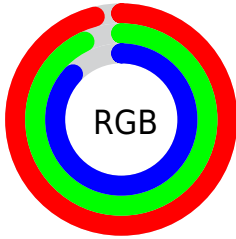
Format	Color
R _Y B	236, 246, 222
Decimal	16182750
CIE Lab	94.00, 0.53, 8.33
CIE LCh	94, 8.347, 86.372
Yxy	85.2715, 0.3283, 0.3442
Android (android.graphics.Color)	4294372830 (0xFFFF6EDDE)
YUV	237.9810, -7.8786, 7.0327
Hunter-Lab	92.3426, -4.4080, 12.5417

Details

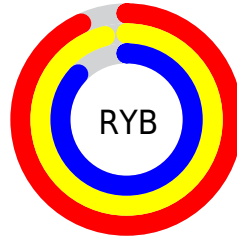
The CIELCh color $94, 8.347, 86.372$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $91, 8.304, 269.014$, and the grayscale version is $94, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $74, 8.300, 84.651$ is the 20% darker color. If you saturate the color by 10%, you get $91, 17.140, 85.095$, and if you desaturate by 10%, it is $97, 0.211, 269.194$.

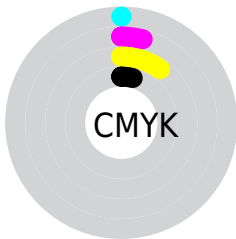
Distribution



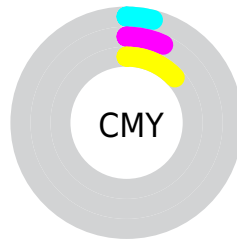
- Red (96%)
- Green (93%)
- Blue (87%)



- Red (93%)
- Yellow (96%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.347, 86.372 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, 8.347, 86.372 by changing the saturation by 10% instead.



94, 8.347, 86.372

94, 8.347, 86.372

91, 17.140, 85.095

97, 0.211, 269.194

88, 26.160, 83.746

99, 3.183, 199.411

86, 35.380, 82.356

83, 44.722, 80.922

81, 54.014, 79.430

78, 62.920, 77.835

76, 70.832, 76.045

73, 76.824, 73.881

71, 80.273, 71.179

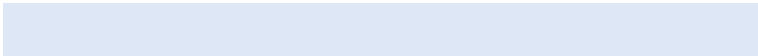
Harmonies

Complementary

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



94, 8.347, 86.372



91, 8.304, 269.014

Rectangle

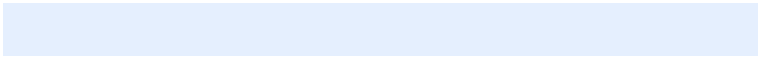
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 8.347, 86.372



94, 8.347, 136.372



94, 8.347, 266.372



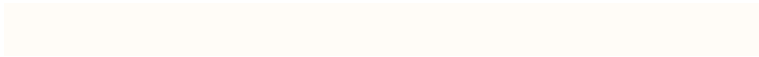
94, 8.347, 316.372

Sweetspot

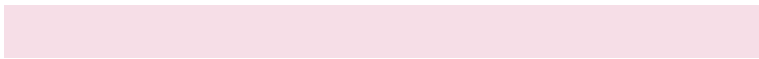
The Sweet Spot groups the original color and five complimentary colors.



94, 8.348, 86.389



99, 2.612, 87.165



91, 9.885, 351.305



53, 1.984, 87.090



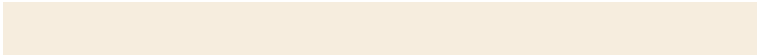
0, 0.000, 0.000



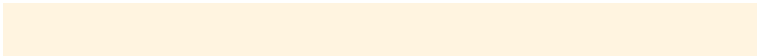
53, 0.007, 296.813

Same Dimension

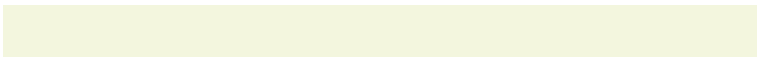
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 8.348, 86.389



96, 10.607, 86.103



96, 12.282, 113.986



50, 4.842, 86.424



55, 65.180, 71.721



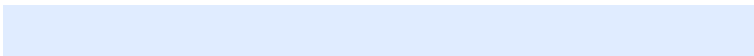
17, 25.277, 74.345

Inverse Universe

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



91, 8.304, 269.014



93, 10.527, 269.340



89, 12.562, 295.584



48, 4.818, 268.975



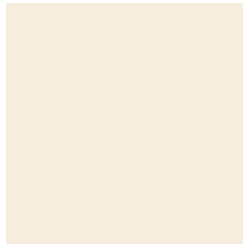
34, 72.141, 294.133



8, 27.578, 287.994

Previews

White Background



This preview shows how the CIELCh color 94, 8.347, 86.372 looks on a white background.

Color Contrast Check

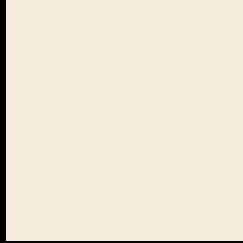
Large Text (above 18pt) WCAG AA × Fail

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, 8.347, 86.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

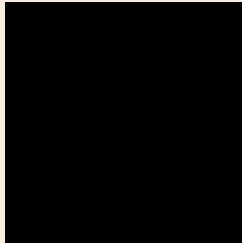
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 8.347, 86.372

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.347, 86.372.

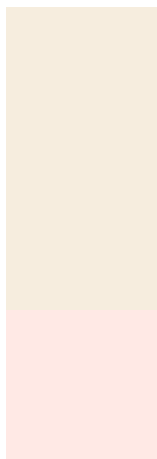


This preview shows how white text looks on a background with the CIELCh color 94, 8.347, 86.372.

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, 8.347, 86.372

Protanopia

94, 8.347, 86.372

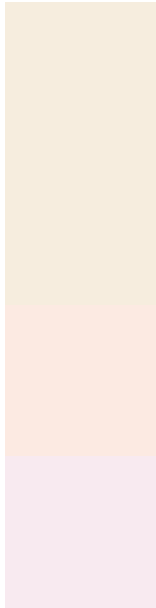
Deuteranopia

94, 8.250, 34.222



Tritanopia
94, 11.698, 323.394

Trichromacy



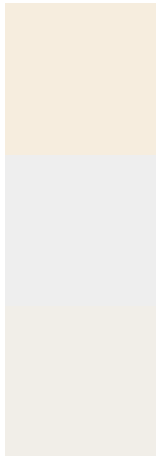
Original Color
94, 8.347, 86.372

Protanomaly
94, 8.347, 86.372

Deuteranomaly
94, 7.727, 51.727

Tritanomaly
94, 5.883, 348.100

Monochromacy



Original Color
94, 8.347, 86.372

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.243, 90.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.347, 86.372 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(246, 237, 222)` looks like.

```
.text, #text, p{  
    color:rgb(246, 237, 222)  
}
```

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(246, 237, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 237, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.347, 86.372 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(246, 237, 222) }
```

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

```
.border{ border-color:rgb(246, 237, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 237, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 237, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 237, 222);  
box-shadow:4px 4px 4px 4px rgb(246, 237,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.347, 86.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 237, 222) }
```

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

```
.background{ background-color: rgb(246,  
237, 222) }
```

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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