

Converting Colors

CIELCh(94, 8.566, 95.952)

Have a look what the booklet for
CIELCh(94, 8.566, 95.952) contains.

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Color

CIELCh(94, 8.891, 97.639)

Conversions

Conversions Part 1

Format	Color
Hex	F3EEDD
RGB	243, 238, 221
RGB Percent	95%, 93%, 87%
CMY	0.0478, 0.0674, 0.1341
CMYK	0.00, 0.02, 0.09, 0.05
HSL	46°, 47%, 91%
HSV	46°, 9%, 95%
XYZ	80.4435, 85.2715, 80.4963
YIQ	237.5570, 8.4370, -4.2270

Conversions

Conversions Part 2

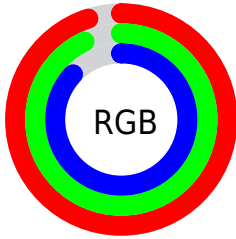
Format	Color
RYB	227, 243, 221
Decimal	15986397
CIELab	94.00, -1.18, 8.81
CIElCh	94, 8.891, 97.639
Yxy	85.2715, 0.3267, 0.3463
Android (android.graphics.Color)	4294176477 (0xFFFF3EEDD)
YUV	237.5570, -8.1626, 4.7735
Hunter-Lab	92.3426, -6.1008, 12.9559

Details

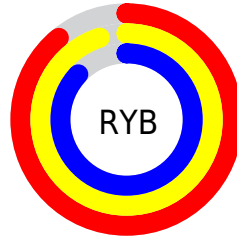
The CIELCh color **94, 8.891, 97.639** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 8.976, 279.861**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 8.826, 96.697** is the 20% darker color. If you saturate the color by 10%, you get **92, 18.812, 96.462**, and if you desaturate by 10%, it is **96, 0.930, 279.052**.

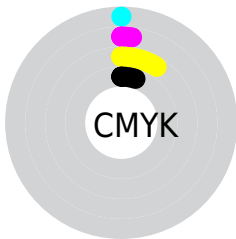
Distribution



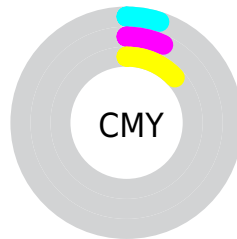
- Red (95%)
- Green (93%)
- Blue (87%)



- Red (89%)
- Yellow (95%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 8.891, 97.639 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, 8.891, 97.639 by changing the saturation by 10% instead.

94, 8.891, 97.639

94, 8.891, 97.639

100, 8.891, 97.639

84, 8.891, 97.639

74, 8.891, 97.639

64, 8.891, 97.639

54, 8.891, 97.639

44, 8.891, 97.639

34, 8.891, 97.639

24, 8.891, 97.639

14, 8.891, 97.639

4, 8.891, 97.639

94, 8.891, 97.639

94, 8.891, 97.639

92, 18.812, 96.462

96, 0.930, 279.052

90, 28.790, 95.228

98, 3.746, 256.686

88, 38.756, 93.963

99, 3.992, 204.021

87, 48.575, 92.673

99, 4.205, 199.296

85, 58.008, 91.358

83, 66.652, 90.009

82, 73.874, 88.595

80, 78.859, 87.054

79, 81.146, 85.306

Harmonies

Complementary

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



94, 8.891, 97.639



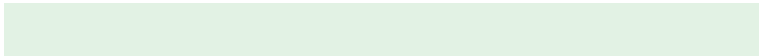
90, 8.976, 279.861

Rectangle

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



94, 8.891, 97.639



94, 8.891, 147.639



94, 8.891, 277.639



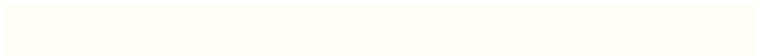
94, 8.891, 327.639

Sweetspot

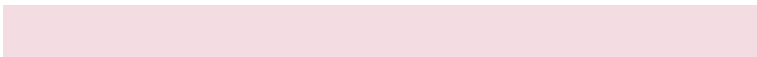
The Sweet Spot groups the original color and five complimentary colors.



94, 8.893, 97.653



99, 3.047, 98.315



90, 8.410, 1.540



53, 2.312, 98.237



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, 8.893, 97.653



98, 11.249, 97.423



95, 11.465, 119.998



50, 5.617, 97.603



62, 66.703, 85.476



19, 27.589, 87.953

Inverse Universe

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



90, 8.976, 279.861



93, 11.368, 280.120



89, 11.683, 301.113



48, 5.671, 279.917



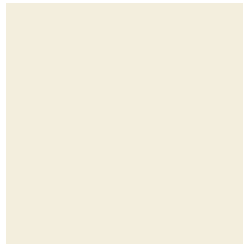
27, 89.629, 301.513



5, 33.474, 295.169

Previews

White Background



This preview shows how the CIELCh color 94, 8.891, 97.639 looks on a white background.

Color Contrast Check

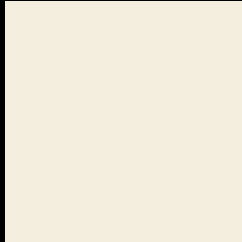
Large Text (above 18pt) WCAG AA × Fail

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, 8.891, 97.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

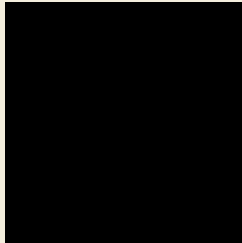
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

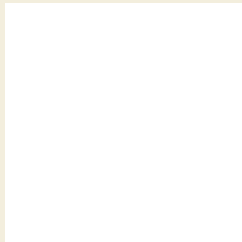
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 8.891, 97.639

Background



This preview shows how black text looks on a background with the CIELCh color 94, 8.891, 97.639.

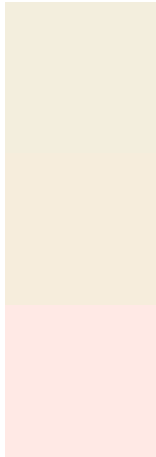


This preview shows how white text looks on a background with the CIELCh color 94, 8.891, 97.639.

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, 8.891, 97.639

Protanopia

94, 9.304, 88.725

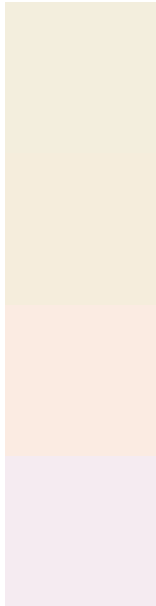
Deuteranopia

94, 8.250, 34.222



Tritanopia
94, 10.996, 317.189

Trichromacy



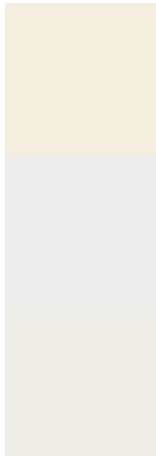
Original Color
94, 8.891, 97.639

Protanomaly
94, 9.182, 90.879

Deuteranomaly
94, 7.420, 58.037

Tritanomaly
94, 4.728, 338.846

Monochromacy



Original Color
94, 8.891, 97.639

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.149, 96.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 8.891, 97.639 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(243, 238, 221)` looks like.

```
.text, #text, p{  
    color:rgb(243, 238, 221)  
}
```

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(243, 238, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 238, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 8.891, 97.639 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(243, 238, 221) }
```

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

```
.border{ border-color:rgb(243, 238, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 238, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 238, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 238, 221);  
box-shadow:4px 4px 4px 4px rgb(243, 238,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 8.891, 97.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 238, 221) }
```

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

```
.background{ background-color: rgb(243,  
238, 221) }
```

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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