

Converting Colors

CIELCh(94, 3.918, 118.759)

Have a look what the booklet for
CIELCh(94, 3.918, 118.759) contains.

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Color

CIELCh(94, 4.167, 119.711)

Conversions

Conversions Part 1

Format	Color
Hex	EDEFE7
RGB	237, 239, 231
RGB Percent	93%, 94%, 91%
CMY	0.0717, 0.0639, 0.0952
CMYK	0.01, 0.00, 0.03, 0.06
HSL	75°, 20%, 92%
HSV	75°, 3%, 94%
XYZ	79.9935, 85.2715, 87.6316
YIQ	237.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

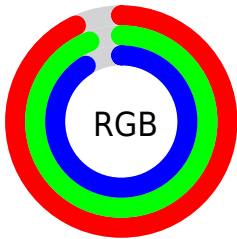
Format	Color
R _Y B	231, 239, 233
Decimal	15593447
CIE Lab	94.00, -2.07, 3.62
CIE LCh	94, 4.167, 119.711
Yxy	85.2715, 0.3163, 0.3372
Android (android.graphics.Color)	4293783527 (0xFFEDEF7)
YUV	237.4900, -3.1996, -0.4297
Hunter-Lab	92.3426, -6.9705, 8.3745

Details

The CIELCh color **94, 4.167, 119.711** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 4.217, 300.126**, 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, 4.384, 119.650** is the 20% darker color. If you saturate the color by 10%, you get **93, 16.623, 119.091**, and if you desaturate by 10%, it is **95, 8.298, 300.320**.

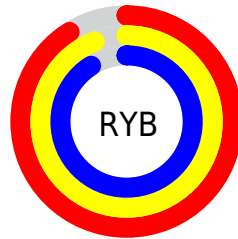
Distribution



Red (93%)

Green (94%)

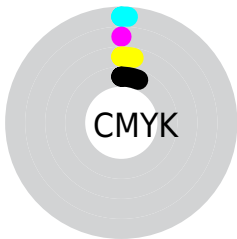
Blue (91%)



Red (91%)

Yellow (94%)

Blue (91%)

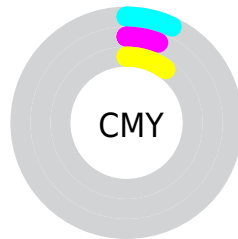


Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (6%)



Cyan (7%)

Magenta (6%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 4.167, 119.711 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, 4.167, 119.711 by changing the saturation by 10% instead.

■ 94, 4.167, 119.711

■ 94, 4.167, 119.711

■ 100, 4.167,
119.711

■ 84, 4.167, 119.711

■ 74, 4.167, 119.711

■ 64, 4.167, 119.711

■ 54, 4.167, 119.711

■ 44, 4.167, 119.711

■ 34, 4.167, 119.711

■ 24, 4.167, 119.711

■ 14, 4.167, 119.711

■ 4, 4.167, 119.711

94, 4.167, 119.711

94, 4.167, 119.711

93, 16.623,
119.091

95, 8.298, 300.320

92, 28.989,
118.450

96, 9.094, 313.100

91, 41.160,
117.816

96, 10.085,
324.175

91, 52.973,
117.218

96, 10.154,
324.764

90, 64.184,
116.700

89, 74.433,
116.325

89, 83.223,
116.180

88, 89.979,
116.371

■ 88, 94.261,
116.989

Harmonies

Complementary

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



94, 4.167, 119.711



92, 4.217, 300.126

Rectangle

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



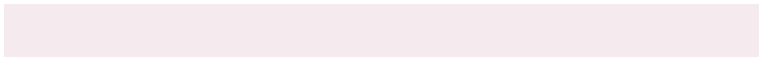
94, 4.167, 119.711



94, 4.167, 169.711



94, 4.167, 299.711



94, 4.167, 349.711

Sweetspot

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



94, 4.169, 119.727



100, 1.304, 119.891



93, 2.370, 45.016



53, 0.741, 119.896



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, 4.169, 119.727



100, 5.251, 119.684



94, 4.650, 137.199



50, 3.548, 119.638



69, 78.718, 117.389



21, 32.829, 116.574

Inverse Universe

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



92, 4.217, 300.126



97, 5.314, 300.170



92, 4.679, 317.390



48, 3.593, 300.219



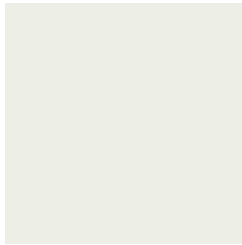
24, 102.268, 307.743



3, 38.580, 304.650

Previews

White Background



This preview shows how the CIELCh color 94, 4.167, 119.711 looks on a white background.

Color Contrast Check

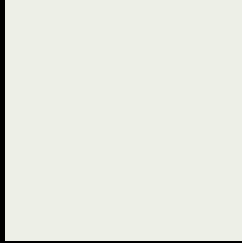
Large Text (above 18pt) WCAG AA × Fail

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, 4.167, 119.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

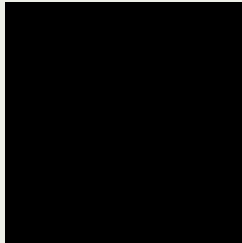
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

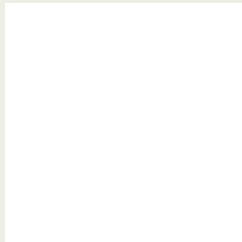
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 4.167, 119.711

Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.167, 119.711.

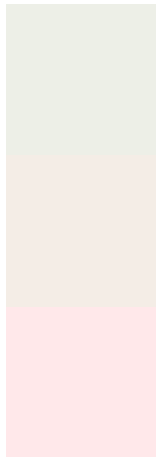


This preview shows how white text looks on a background with the CIELCh color 94, 4.167, 119.711.

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, 4.167, 119.711

Protanopia

94, 4.365, 74.622

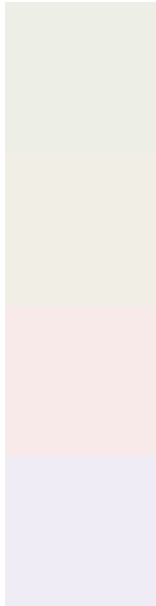
Deuteranopia

94, 8.360, 12.877



Tritanopia
94, 9.975, 300.878

Trichromacy



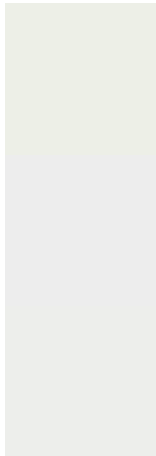
Original Color
94, 4.167, 119.711

Protanomaly
94, 4.227, 95.074

Deuteranomaly
94, 5.052, 25.447

Tritanomaly
94, 5.279, 302.026

Monochromacy



Original Color
94, 4.167, 119.711

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.576, 123.025

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 4.167, 119.711 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(237, 239, 231)` looks like.

```
.text, #text, p{  
    color:rgb(237, 239, 231)  
}
```

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(237, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 239, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 4.167, 119.711 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(237, 239, 231) }
```

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

```
.border{ border-color:rgb(237, 239, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 239, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(237, 239,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 4.167, 119.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 239, 231) }
```

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

```
.background{ background-color: rgb(237,  
239, 231) }
```

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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