

Converting Colors

CIELCh(94, 3.790, 348.514)

Have a look what the booklet for
CIELCh(94, 3.790, 348.514) contains.

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Color

CIELCh(94, 4.127, 349.654)

Conversions

Conversions Part 1

Format	Color
Hex	F5EBEF
RGB	245, 235, 239
RGB Percent	96%, 92%, 94%
CMY	0.0382, 0.0774, 0.0617
CMYK	0.00, 0.04, 0.02, 0.04
HSL	336°, 34%, 94%
HSV	336°, 4%, 96%
XYZ	83.1479, 85.2715, 93.9390
YIQ	238.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

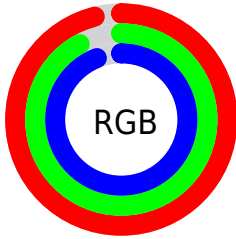
Format	Color
R _Y B	245, 235, 239
Decimal	16116719
CIE Lab	94.00, 4.06, -0.74
CIE LCh	94, 4.127, 349.654
Yxy	85.2715, 0.3169, 0.3250
Android (android.graphics.Color)	4294306799 (0xFF5E5E)
YUV	238.4460, 0.2731, 5.7479
Hunter-Lab	92.3426, -0.8731, 4.3248

Details

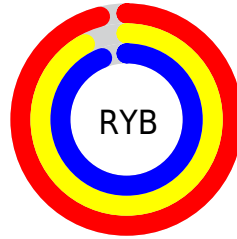
The CIELCh color `94, 4.127, 349.654` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `96, 4.080, 169.196`, and the grayscale version is `94, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `74, 4.340, 349.784` is the 20% darker color. If you saturate the color by 10%, you get `88, 14.463, 350.721`, and if you desaturate by 10%, it is `99, 3.419, 190.675`.

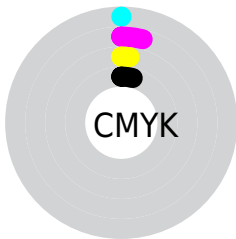
Distribution



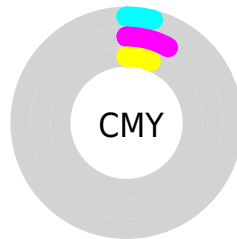
- Red (96%)
- Green (92%)
- Blue (94%)



- Red (96%)
- Yellow (92%)
- Blue (94%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (4%)




- Cyan (4%)
- Magenta (8%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 4.127, 349.654 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, 4.127, 349.654 by changing the saturation by 10% instead.

 94, 4.127, 349.654

 94, 4.127, 349.654

 100, 4.127,
349.654

 84, 4.127, 349.654

 74, 4.127, 349.654

 64, 4.127, 349.654

 54, 4.127, 349.654

 44, 4.127, 349.654

 34, 4.127, 349.654

 24, 4.127, 349.654

 14, 4.127, 349.654

 4, 4.127, 349.654

94, 4.127, 349.654

94, 4.127, 349.654

88, 14.463,
350.721

99, 3.419, 190.675

81, 25.062,
351.832

99, 3.367, 199.388

76, 35.756,
353.107


70, 46.281,
354.610

65, 56.246,
356.427

61, 65.150,
358.678

57, 72.459, 1.520

54, 77.781, 5.137

 53, 81.108, 9.681

Harmonies

Complementary

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



94, 4.127, 349.654



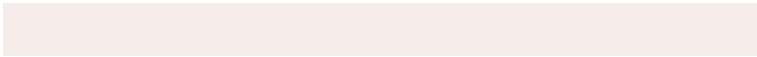
96, 4.080, 169.196

Rectangle

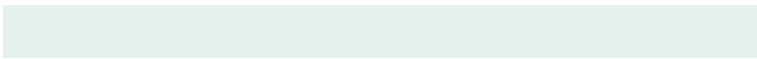
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



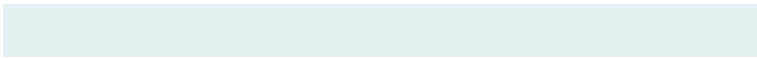
94, 4.127, 349.654



94, 4.127, 39.654



94, 4.127, 169.654



94, 4.127, 219.654

Sweetspot

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



94, 4.125, 349.669



99, 1.044, 349.011



94, 5.596, 312.621



53, 0.594, 348.981



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

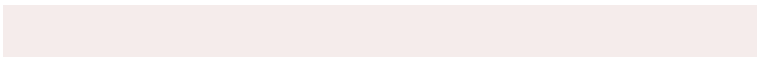
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 4.125, 349.669



97, 5.228, 349.777



94, 3.250, 28.504



49, 3.453, 349.852



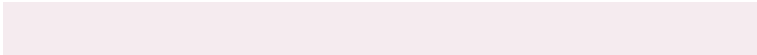
40, 66.954, 11.725



9, 29.665, 4.007

Inverse Universe

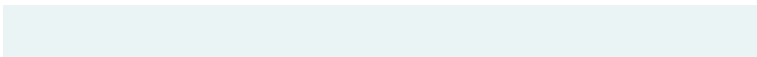
The Inverse Universe completely reimagines the original color for something new.



94, 4.125, 349.669



97, 5.228, 349.777



96, 3.167, 208.730



49, 3.453, 349.852



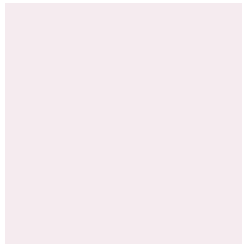
40, 66.954, 11.725



9, 29.665, 4.007

Previews

White Background



This preview shows how the CIELCh color 94, 4.127, 349.654 looks on a white background.

Color Contrast Check

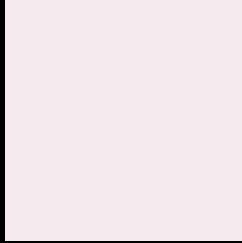
Large Text (above 18pt) WCAG AA × Fail

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, 4.127, 349.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

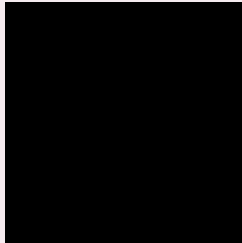
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

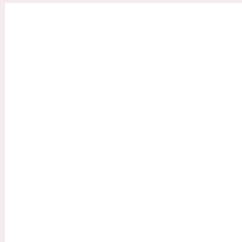
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 4.127, 349.654

Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.127, 349.654.

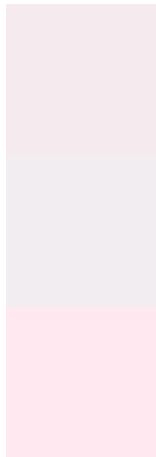


This preview shows how white text looks on a background with the CIELCh color 94, 4.127, 349.654.

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, 4.127, 349.654

Protanopia

94, 2.114, 332.271

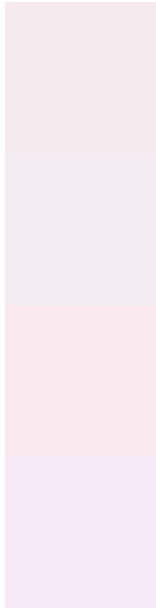
Deuteranopia

94, 9.209, 353.524



Tritanopia
94, 10.996, 317.189

Trichromacy



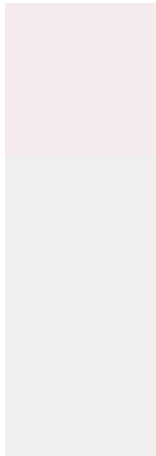
Original Color
94, 4.127, 349.654

Protanomaly
94, 3.246, 340.079

Deuteranomaly
94, 7.379, 350.686

Tritanomaly
94, 7.956, 322.587

Monochromacy



Original Color
94, 4.127, 349.654

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 1.191, 353.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 4.127, 349.654 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(245, 235, 239)` looks like.

```
.text, #text, p{  
    color:rgb(245, 235, 239)  
}
```

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(245, 235, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 235, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 4.127, 349.654 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(245, 235, 239) }
```

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

```
.border{ border-color:rgb(245, 235, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 235, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 235, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 235, 239);  
box-shadow:4px 4px 4px 4px rgb(245, 235,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 4.127, 349.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 235, 239) }
```

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

```
.background{ background-color: rgb(245,  
235, 239) }
```

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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