

# Converting Colors

CIE LCh(94, 4.410, 6.119)

Have a look what the booklet for  
CIELCh(94, 4.410, 6.119) contains.

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# **Color**

**CIELCh(94, 4.414, 6.121)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7EBED
RGB	247, 235, 237
RGB Percent	97%, 92%, 93%
CMY	0.0315, 0.0786, 0.0707
CMYK	0.00, 0.05, 0.04, 0.03
HSL	350°, 43%, 94%
HSV	350°, 5%, 97%
XYZ	83.3196, 85.2715, 92.1567
YIQ	238.8160, 6.5100, 3.1660

# Conversions

## Conversions Part 2

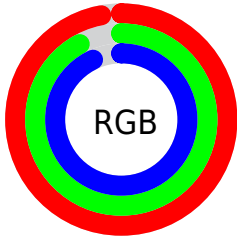
Format	Color
R <sub>Y</sub> B	247, 235, 237
Decimal	16247789
CIE Lab	94.00, 4.39, 0.47
CIE LCh	94, 4.414, 6.121
Yxy	85.2715, 0.3195, 0.3270
Android (android.graphics.Color)	4294437869 (0xFFFF7EBED)
YUV	238.8160, -0.8953, 7.1774
Hunter-Lab	92.3426, -0.5412, 5.4692

# Details

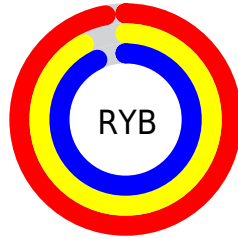
The CIELCh color **94, 4.414, 6.121** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **96, 4.315, 185.570**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 4.650, 6.275** is the 20% darker color. If you saturate the color by 10%, you get **87, 13.885, 7.240**, and if you desaturate by 10%, it is **99, 2.784, 199.467**.

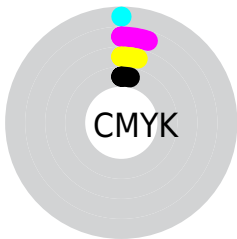
# Distribution



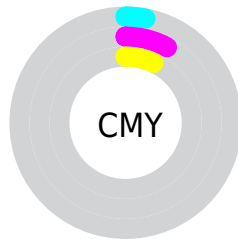
- Red (97%)
- Green (92%)
- Blue (93%)



- Red (97%)
- Yellow (92%)
- Blue (93%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (3%)



- Cyan (3%)
- Magenta (8%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 4.414, 6.121 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, 4.414, 6.121 by changing the saturation by 10% instead.



 94, 4.414, 6.121

 94, 4.414, 6.121

 100, 4.414, 6.121

 84, 4.414, 6.121

 74, 4.414, 6.121

 64, 4.414, 6.121

 54, 4.414, 6.121

 44, 4.414, 6.121

 34, 4.414, 6.121

 24, 4.414, 6.121

 14, 4.414, 6.121

 4, 4.414, 6.121

94, 4.414, 6.121

94, 4.414, 6.121

87, 13.885, 7.240

99, 2.784, 199.467

81, 23.866, 8.459

75, 34.266, 9.932

69, 44.908, 11.758

64, 55.504, 14.059

60, 65.675, 16.983

56, 75.025, 20.672

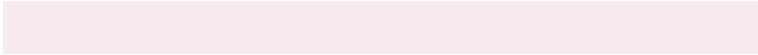
54, 83.283, 25.179

52, 90.374, 30.295

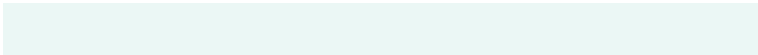
# Harmonies

# Complementary

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



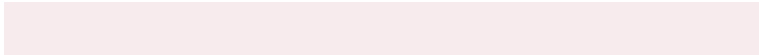
94, 4.414, 6.121



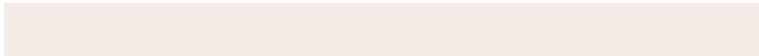
96, 4.315, 185.570

# Rectangle

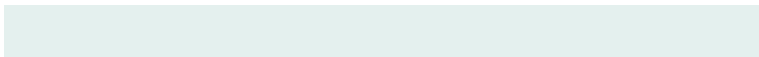
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



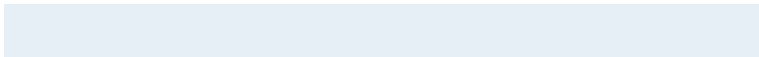
94, 4.414, 6.121



94, 4.414, 56.121



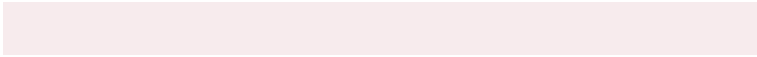
94, 4.414, 186.121



94, 4.414, 236.121

# Sweetspot

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



94, 4.412, 6.143



99, 0.925, 5.263



94, 7.144, 319.984



53, 0.526, 5.223



0, 0.000, 0.000

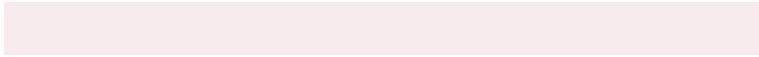


53, 0.007, 296.813

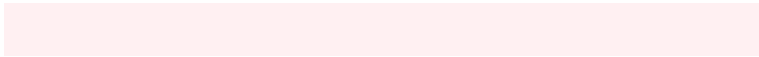


# Same Dimension

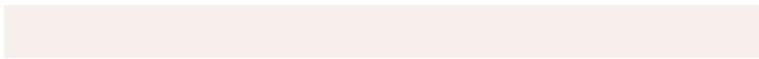
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 4.412, 6.143



96, 5.611, 6.277



95, 3.501, 55.147



49, 3.606, 6.347



39, 75.033, 31.893



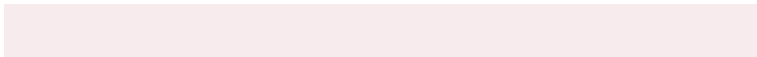
8, 30.132, 18.198



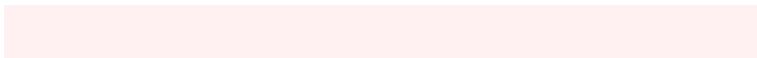


# Inverse Universe

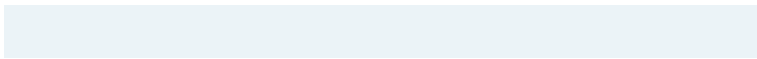
The Inverse Universe completely reimagines the original color for something new.



94, 4.412, 6.143



96, 5.611, 6.277



95, 3.427, 236.275



49, 3.606, 6.347



39, 75.033, 31.893

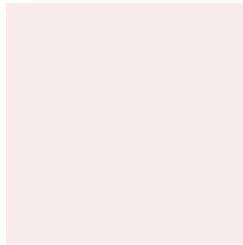


8, 30.132, 18.198



# Previews

## White Background



This preview shows how the CIE LCh color 94, 4.414, 6.121 looks on a white background.

## Color Contrast Check

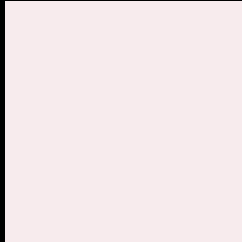
Large Text (above 18pt) WCAG AA × Fail

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, 4.414, 6.121 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

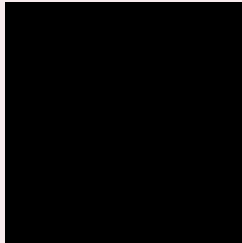
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

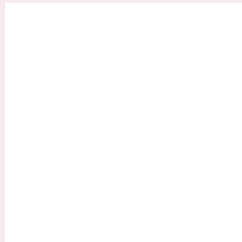
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 94, 4.414, 6.121

## Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.414, 6.121.

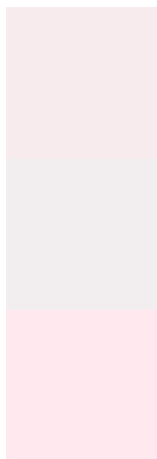


This preview shows how white text looks on a background with the CIELCh color 94, 4.414, 6.121.

# 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, 4.414, 6.121

### Protanopia

94, 1.856, 3.120

### Deuteranopia

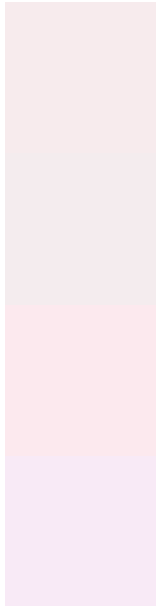
94, 8.815, 359.530



**Tritanopia**  
94, 10.884, 321.721



# Trichromacy



## Original Color

94, 4.414, 6.121

## Protanomaly

94, 3.037, 359.632

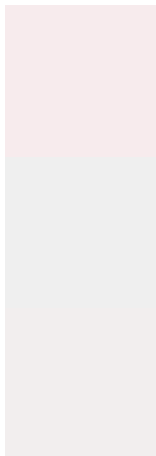
## Deuteranomaly

94, 7.281, 359.202

## Tritanomaly

94, 7.948, 328.905

# Monochromacy



## Original Color

94, 4.414, 6.121

## Achromatopsia

94, 0.011, 296.813

## Achromatomaly

94, 1.420, 19.058

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 94, 4.414, 6.121 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(247, 235, 237)` looks like.

```
.text, #text, p{  
    color:rgb(247, 235, 237)  
}
```

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(247, 235, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 237) }
```

## Border

The CSS property to change the border of an element to CIELCh 94, 4.414, 6.121 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(247, 235, 237) }
```

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

```
.border{ border-color:rgb(247, 235, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 235, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 235, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 235, 237);  
box-shadow:4px 4px 4px 4px rgb(247, 235,  
237) }
```

# Background

The CSS property to change the background color of an element to CIELCh 94, 4.414, 6.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 237) }
```

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

```
.background{ background-color: rgb(247,  
235, 237) }
```

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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