

Converting Colors

CIELCh(94, 4.722, 119.232)

Have a look what the booklet for
CIELCh(94, 4.722, 119.232) contains.

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Color

CIELCh(94, 4.674, 118.609)

Conversions

Conversions Part 1

Format	Color
Hex	EDEFE6
RGB	237, 239, 230
RGB Percent	93%, 94%, 90%
CMY	0.0714, 0.0636, 0.0989
CMYK	0.01, 0.00, 0.04, 0.06
HSL	73°, 22%, 92%
HSV	73°, 4%, 94%
XYZ	79.9057, 85.2715, 86.9492
YIQ	237.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

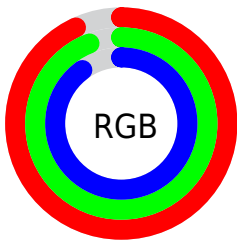
Format	Color
RYB	230, 239, 232
Decimal	15593446
CIELab	94.00, -2.24, 4.10
CIElCh	94, 4.674, 118.609
Yxy	85.2715, 0.3169, 0.3382
Android (android.graphics.Color)	4293783526 (0xFFEDEF6)
YUV	237.3760, -3.6364, -0.3298
Hunter-Lab	92.3426, -7.1402, 8.8127

Details

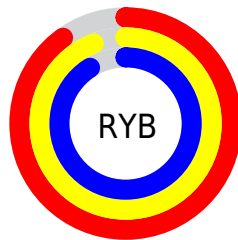
The CIELCh color `94, 4.674, 118.609` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `92, 4.732, 299.107`, and the grayscale version is `94, 0.011, 296.813`.

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, 17.085, 117.960`, and if you desaturate by 10%, it is `95, 7.755, 299.254`.

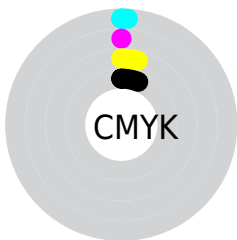
Distribution



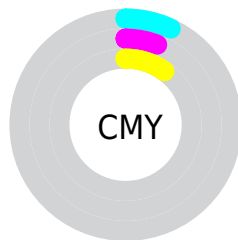
- Red (93%)
- Green (94%)
- Blue (90%)



- Red (90%)
- Yellow (94%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)



- Cyan (7%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 4.674, 118.609 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, 4.674, 118.609 by changing the saturation by 10% instead.

94, 4.674, 118.609

94, 4.674, 118.609

100, 4.674,
118.609

84, 4.674, 118.609

74, 4.674, 118.609

64, 4.674, 118.609

54, 4.674, 118.609

44, 4.674, 118.609

34, 4.674, 118.609

24, 4.674, 118.609

14, 4.674, 118.609

4, 4.674, 118.609

94, 4.674, 118.609

94, 4.674, 118.609

93, 17.085,
117.960

95, 7.755, 299.254

92, 29.397,
117.288

95, 8.892, 310.439

91, 41.504,
116.626

96, 9.685, 320.842

96, 10.111,
324.763

91, 53.239,
116.001

90, 64.355,
115.457

90, 74.483,
115.055

89, 83.119,
114.881

89, 89.684,
115.033

■ 88, 93.753,
115.597

Harmonies

Complementary

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



94, 4.674, 118.609



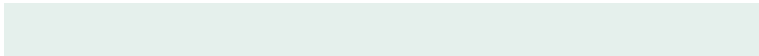
92, 4.732, 299.107

Rectangle

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



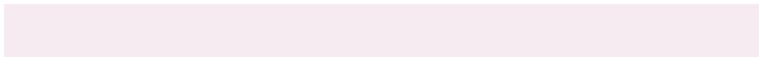
94, 4.674, 118.609



94, 4.674, 168.609



94, 4.674, 298.609



94, 4.674, 348.609

Sweetspot

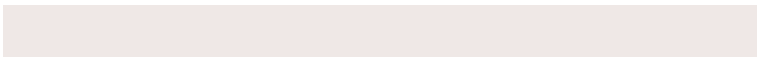
The Sweet Spot groups the original color and five complimentary colors.



94, 4.676, 118.624



100, 1.300, 118.816



92, 2.710, 41.093



53, 0.739, 118.821



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, 4.676, 118.624



99, 6.544, 118.541



94, 5.184, 136.141



50, 4.244, 118.497



69, 78.139, 115.926



21, 32.641, 115.207

Inverse Universe

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



92, 4.732, 299.107



96, 6.631, 299.193



92, 5.217, 316.376



48, 4.304, 299.240



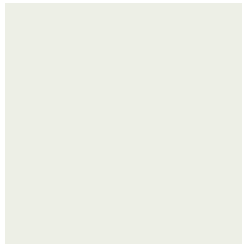
23, 102.675, 307.464



3, 38.473, 303.941

Previews

White Background



This preview shows how the CIE LCh color 94, 4.674, 118.609 looks on a white background.

Color Contrast Check

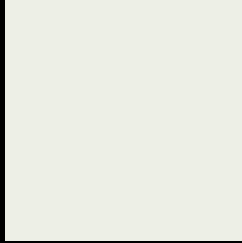
Large Text (above 18pt) WCAG AA × Fail

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, 4.674, 118.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

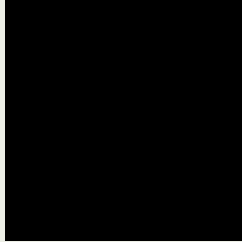
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

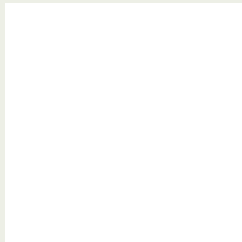
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 4.674, 118.609

Background



This preview shows how black text looks on a background with the CIELCh color 94, 4.674, 118.609.

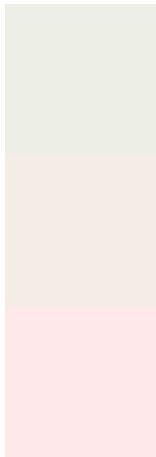


This preview shows how white text looks on a background with the CIELCh color 94, 4.674, 118.609.

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, 4.674, 118.609

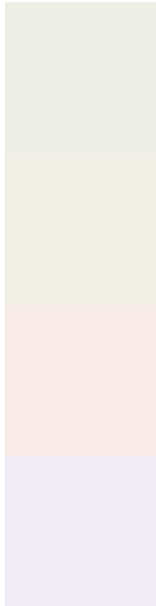
Protanopia
94, 4.797, 78.091

Deuteranopia
94, 8.360, 12.877



Tritanopia
94, 9.975, 300.878

Trichromacy



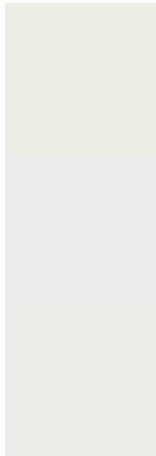
Original Color
94, 4.674, 118.609

Protanomaly
94, 4.726, 96.601

Deuteranomaly
94, 5.134, 31.141

Tritanomaly
94, 4.776, 303.234

Monochromacy



Original Color
94, 4.674, 118.609

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 2.080, 119.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 4.674, 118.609 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(237, 239, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 239, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 4.674, 118.609 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, 230) }
```

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

```
.border{ border-color:rgb(237, 239, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 239, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 239, 230);  
box-shadow:4px 4px 4px 4px rgb(237, 239,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 4.674, 118.609 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, 230) }
```

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

```
.background{ background-color: rgb(237,  
239, 230) }
```

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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