

Converting Colors

CIELCh(94, 9.919, 122.633)

Have a look what the booklet for
CIELCh(94, 9.919, 122.633) contains.

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Color

CIELCh(94, 9.498, 122.650)

Conversions

Conversions Part 1

Format	Color
Hex	EAF0DE
RGB	234, 240, 222
RGB Percent	92%, 94%, 87%
CMY	0.0815, 0.0579, 0.1285
CMYK	0.02, 0.00, 0.07, 0.06
HSL	80°, 38%, 91%
HSV	80°, 7%, 94%
XYZ	78.4486, 85.2715, 81.5894
YIQ	236.1540, 2.2020, -6.8700

Conversions

Conversions Part 2

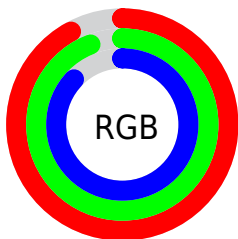
Format	Color
R _Y B	222, 240, 228
Decimal	15397086
CIE Lab	94.00, -5.12, 8.00
CIE LCh	94, 9.498, 122.650
Yxy	85.2715, 0.3198, 0.3476
Android (android.graphics.Color)	4293587166 (0xFFEAF0DE)
YUV	236.1540, -6.9779, -1.8891
Hunter-Lab	92.3426, -9.9569, 12.2540

Details

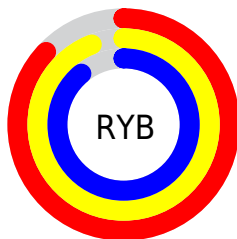
The CIELCh color **94, 9.498, 122.650** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **89, 9.645, 303.466**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 9.462, 123.304** is the 20% darker color. If you saturate the color by 10%, you get **93, 22.166, 122.094**, and if you desaturate by 10%, it is **95, 3.186, 303.164**.

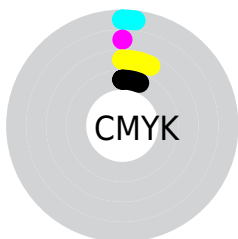
Distribution



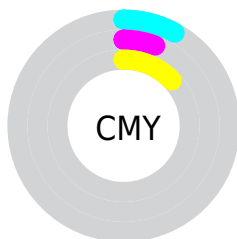
- Red (92%)
- Green (94%)
- Blue (87%)



- Red (87%)
- Yellow (94%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (8%)
- Magenta (6%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.498, 122.650 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, 9.498, 122.650 by changing the saturation by 10% instead.

 94, 9.498, 122.650

 94, 9.498, 122.650

 100, 9.498,
122.650

 84, 9.498, 122.650

 74, 9.498, 122.650

 64, 9.498, 122.650

 54, 9.498, 122.650

 44, 9.498, 122.650

 34, 9.498, 122.650

 24, 9.498, 122.650

 14, 9.498, 122.650

 4, 9.498, 122.650

94, 9.498, 122.650

94, 9.498, 122.650

93, 22.166,
122.094

95, 3.186, 303.164

92, 34.722,
121.527

96, 8.381, 315.264

96, 9.204, 324.728

91, 47.038,
120.975

90, 58.920,
120.474

89, 70.079,
120.079

89, 80.102,
119.870

88, 88.447,
119.956

88, 94.558,
120.454

■ 87, 98.193,
121.432

Harmonies

Complementary

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



94, 9.498, 122.650



89, 9.645, 303.466

Rectangle

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



94, 9.498, 122.650



94, 9.498, 172.650



94, 9.498, 302.650



94, 9.498, 352.650

Sweetspot

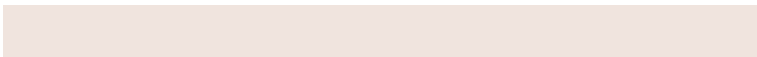
The Sweet Spot groups the original color and five complimentary colors.



94, 9.500, 122.657



100, 2.651, 122.975



91, 5.335, 54.998



53, 1.507, 122.981



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

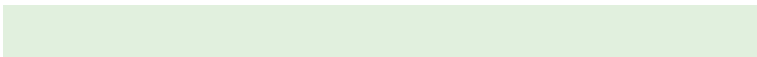
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 9.500, 122.657



99, 11.974, 122.571



93, 10.755, 139.466



50, 7.190, 122.546



68, 80.696, 121.451



21, 33.494, 120.435

Inverse Universe

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



89, 9.645, 303.466



93, 12.184, 303.557



90, 10.804, 320.117



46, 7.322, 303.585



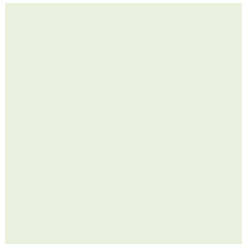
25, 100.856, 308.792



4, 38.925, 306.948

Previews

White Background



This preview shows how the CIELCh color 94, 9.498, 122.650 looks on a white background.

Color Contrast Check

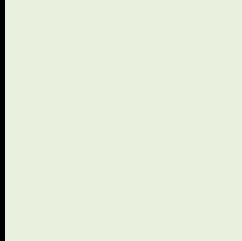
Large Text (above 18pt) WCAG AA × Fail

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, 9.498, 122.650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

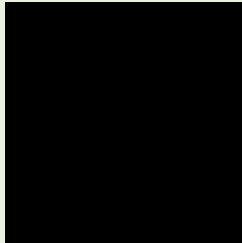
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

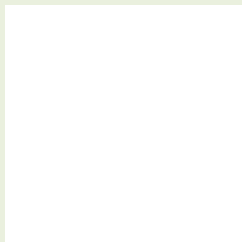
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.498, 122.650

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.498, 122.650.

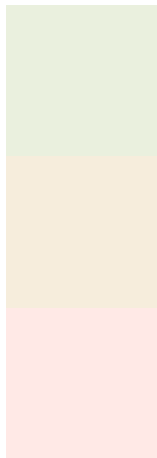


This preview shows how white text looks on a background with the CIELCh color 94, 9.498, 122.650.

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, 9.498, 122.650

Protanopia

94, 9.304, 88.725

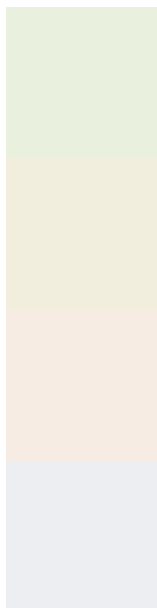
Deuteranopia

94, 8.125, 30.751



Tritanopia
94, 9.352, 297.239

Trichromacy



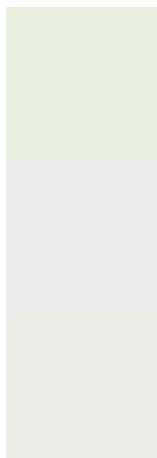
Original Color
94, 9.498, 122.650

Protanomaly
94, 8.826, 99.969

Deuteranomaly
94, 6.081, 68.811

Tritanomaly
94, 2.092, 280.724

Monochromacy



Original Color
94, 9.498, 122.650

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 3.756, 126.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.498, 122.650 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(234, 240, 222)` looks like.

```
.text, #text, p{  
    color:rgb(234, 240, 222)  
}
```

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(234, 240, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 240, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.498, 122.650 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(234, 240, 222) }
```

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

```
.border{ border-color:rgb(234, 240, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 240, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 240, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 240, 222);  
box-shadow:4px 4px 4px 4px rgb(234, 240,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.498, 122.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 240, 222) }
```

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

```
.background{ background-color: rgb(234,  
240, 222) }
```

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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