

Converting Colors

CIELCh(94, 37.514, 120.896)

Have a look what the booklet for
CIELCh(94, 37.514, 120.896)
contains.

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Color

CIElCh(94, 37.518, 120.873)

Conversions

Conversions Part 1

Format	Color
Hex	E0F7AF
RGB	224, 247, 175
RGB Percent	88%, 97%, 69%
CMY	0.1225, 0.0323, 0.3146
CMYK	0.09, 0.00, 0.29, 0.03
HSL	79°, 81%, 83%
HSV	79°, 29%, 97%
XYZ	71.5709, 85.2715, 53.1282
YIQ	231.9150, 9.4040, -27.2680

Conversions

Conversions Part 2

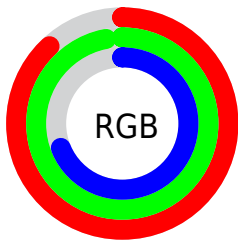
Format	Color
RYB	175, 247, 198
Decimal	14743471
CIELab	94.00, -19.25, 32.20
CIELCh	94, 37.518, 120.873
Yxy	85.2715, 0.3409, 0.4061
Android (android.graphics.Color)	4292933551 (0xFFE0F7AF)
YUV	231.9150, -28.0591, -6.9415
Hunter-Lab	92.3426, -23.2517, 30.5281

Details

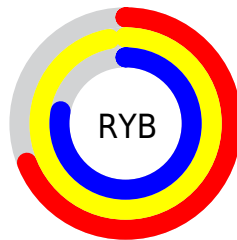
The CIELCh color **94, 37.518, 120.873** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76, 39.736, 304.454**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **74, 37.673, 121.069** is the 20% darker color. If you saturate the color by 10%, you get **93, 50.007, 120.318**, and if you desaturate by 10%, it is **95, 24.756, 121.453**.

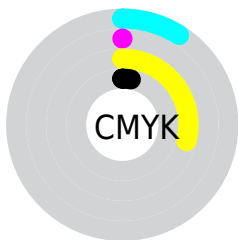
Distribution



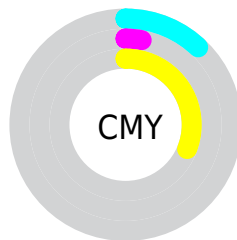
- Red (88%)
- Green (97%)
- Blue (69%)



- Red (69%)
- Yellow (97%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (29%)
- Black (3%)





- Cyan (12%)
- Magenta (3%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 37.518, 120.873 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, 37.518, 120.873 by changing the saturation by 10% instead.


 94, 37.518,
120.873


 94, 37.518,
120.873


 100, 37.518,
120.873


 84, 37.518,
120.873

 74, 37.518,
120.873

 64, 37.518,
120.873

 54, 37.518,
120.873

 44, 37.518,
120.873

 34, 37.518,
120.873

 24, 37.518,

120.873

■ 14, 37.518,
120.873

■ 4, 37.518, 120.873

■ 94, 37.518,
120.873

■ 94, 37.518,
120.873

■ 93, 50.007,
120.318

■ 95, 24.756,
121.453

■ 92, 62.003,
119.821

■ 96, 11.857,
122.029

■ 92, 73.193,
119.441

■ 97, 1.080, 302.518

■ 91, 83.127,
119.265

■ 98, 5.126, 324.560

■ 90, 91.232,
119.401

■ 90, 96.963,
119.966

■ 89, 100.259,
120.988

■ 89, 100.487,
121.079

Harmonies

Complementary

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



94, 37.518, 120.873



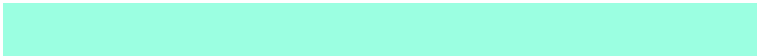
76, 39.736, 304.454

Rectangle

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



94, 37.518, 120.873



94, 37.518, 170.873



94, 37.518, 300.873



94, 37.518, 350.873

Sweetspot

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



94, 37.520, 120.875



99, 11.946, 122.038



83, 23.047, 51.639



53, 8.302, 121.955



0, 0.000, 0.000



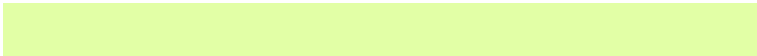
53, 0.007, 296.813

Same Dimension

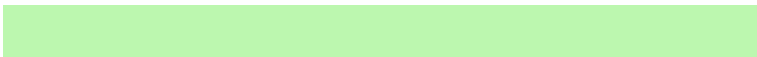
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 37.520, 120.875



96, 46.047, 120.543



92, 42.798, 137.728



51, 7.298, 122.012



69, 81.178, 120.817



22, 34.675, 119.642

Inverse Universe

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



76, 39.736, 304.454



73, 49.428, 304.925



79, 43.316, 320.623



47, 7.435, 303.078



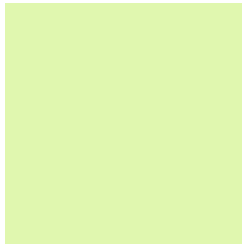
25, 102.166, 308.584



4, 40.913, 307.195

Previews

White Background



This preview shows how the CIELCh color 94, 37.518, 120.873 looks on a white background.

Color Contrast Check

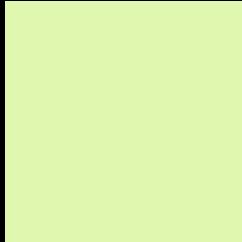
Large Text (above 18pt) WCAG AA × Fail

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, 37.518, 120.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

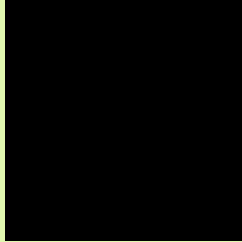
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 37.518, 120.873

Background



This preview shows how black text looks on a background with the CIELCh color 94, 37.518, 120.873.

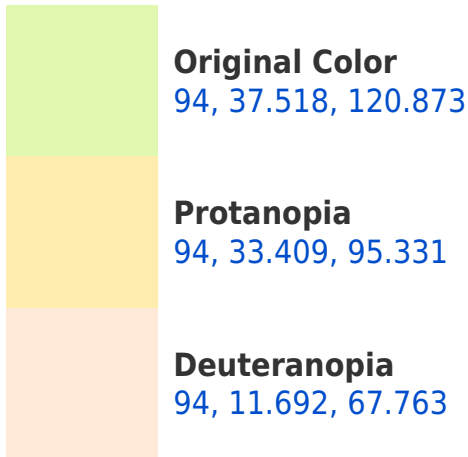



This preview shows how white text looks on a background with the CIELCh color 94, 37.518, 120.873.

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](#).

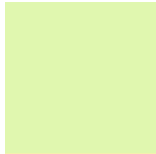
Dichromacy



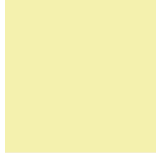


Tritanopia
94, 9.796, 288.948

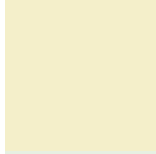
Trichromacy



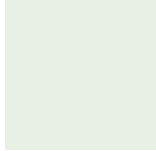
Original Color
94, 37.518, 120.873



Protanomaly
94, 34.048, 105.506

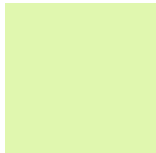


Deuteranomaly
94, 19.013, 103.004

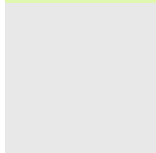


Tritanomaly
94, 7.906, 133.678

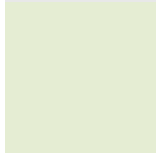
Monochromacy



Original Color
94, 37.518, 120.873



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 13.697, 121.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 37.518, 120.873 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(224, 247, 175)` looks like.

```
.text, #text, p{  
    color:rgb(224, 247, 175)  
}
```

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(224, 247, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 247, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 37.518, 120.873 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(224, 247, 175) }
```

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

```
.border{ border-color:rgb(224, 247, 175) }
```

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

Here you see how a box with a 4 pixel rgb(224, 247, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 247, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 247, 175);  
box-shadow:4px 4px 4px 4px rgb(224, 247,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 37.518, 120.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 247, 175) }
```

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

```
.background{ background-color: rgb(224,  
247, 175) }
```

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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