

Converting Colors

CIELCh(94, 37.716, 121.972)

Have a look what the booklet for
CIELCh(94, 37.716, 121.972)
contains.

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Color

CIELCh(94, 37.716, 121.972)

Conversions

Conversions Part 1

Format	Color
Hex	DEF7AF
RGB	222, 247, 175
RGB Percent	87%, 97%, 69%
CMY	0.1288, 0.0307, 0.3131
CMYK	0.10, 0.00, 0.29, 0.03
HSL	81°, 82%, 83%
HSV	81°, 29%, 97%
XYZ	71.2321, 85.2715, 53.3382
YIQ	231.3170, 8.2120, -27.6920

Conversions

Conversions Part 2

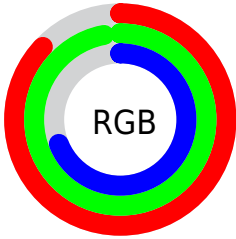
Format	Color
RYB	175, 247, 200
Decimal	14612399
CIELab	94.00, -19.97, 31.99
CIElCh	94, 37.716, 121.972
Yxy	85.2715, 0.3395, 0.4064
Android (android.graphics.Color)	4292802479 (0xFFDEF7AF)
YUV	231.3170, -27.7643, -8.1710
Hunter-Lab	92.3426, -23.9066, 30.3932

Details

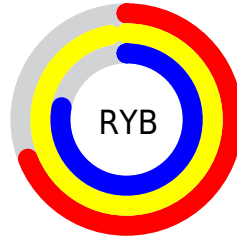
The CIELCh color **94, 37.716, 121.972** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76, 39.852, 305.386**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **74, 37.895, 122.219** is the 20% darker color. If you saturate the color by 10%, you get **93, 50.303, 121.437**, and if you desaturate by 10%, it is **95, 24.862, 122.532**.

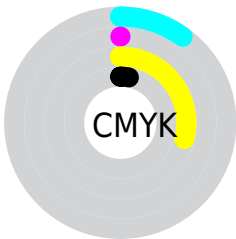
Distribution



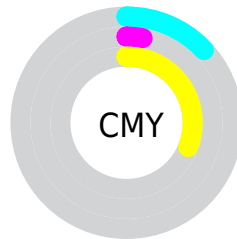
- Red (87%)
- Green (97%)
- Blue (69%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (29%)
- Black (3%)





- Cyan (13%)
- Magenta (3%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 37.716, 121.972 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, 37.716, 121.972 by changing the saturation by 10% instead.


 94, 37.716,
121.972


 94, 37.716,
121.972


 100, 37.716,
121.972


 84, 37.716,
121.972

 74, 37.716,
121.972

 64, 37.716,
121.972

 54, 37.716,
121.972

 44, 37.716,
121.972

 34, 37.716,
121.972

 24, 37.716,

121.972

■ 14, 37.716,
121.972

■ 4, 37.716, 121.972

■ 94, 37.716,
121.972

■ 94, 37.716,
121.972

■ 93, 50.303,
121.437

■ 95, 24.862,
122.532

■ 92, 62.403,
120.957

■ 96, 11.878,
123.086

■ 91, 73.702,
120.596

■ 97, 1.136, 303.542

■ 91, 83.752,
120.440

■ 98, 4.880, 324.548

■ 90, 91.981,
120.602

■ 90, 97.844,
121.201

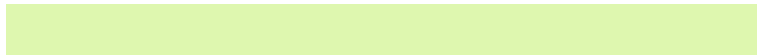
■ 89, 101.272,
122.266

■ 89, 101.521,
122.364

Harmonies

Complementary

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



94, 37.716, 121.972



76, 39.852, 305.386

Rectangle

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



94, 37.716, 121.972



94, 37.716, 171.972



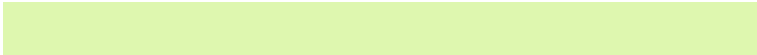
94, 37.716, 301.972



94, 37.716, 351.972

Sweetspot

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



94, 37.718, 121.974



99, 12.002, 123.092



84, 22.980, 53.492



53, 8.341, 123.012



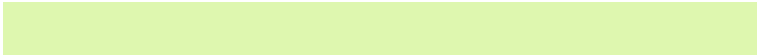
0, 0.000, 0.000



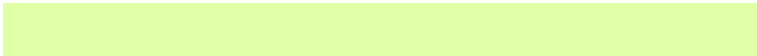
53, 0.007, 296.813

Same Dimension

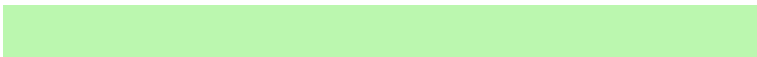
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 37.718, 121.974



96, 46.298, 121.651



92, 43.023, 138.188



51, 7.332, 123.067



69, 81.897, 122.091



22, 34.928, 120.866

Inverse Universe

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



76, 39.852, 305.386



74, 49.554, 305.831



79, 43.487, 321.129



47, 7.465, 304.084



26, 101.648, 308.988



4, 41.011, 307.953

Previews

White Background



This preview shows how the CIELCh color 94, 37.716, 121.972 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, 37.716, 121.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

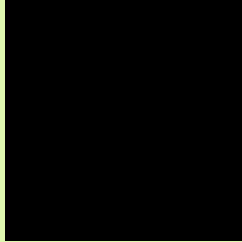
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

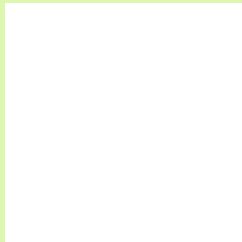
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 37.716, 121.972

Background



This preview shows how black text looks on a background with the CIELCh color 94, 37.716, 121.972.

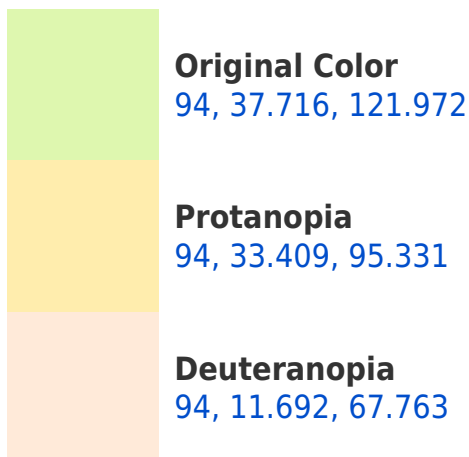


This preview shows how white text looks on a background with the CIELCh color 94, 37.716, 121.972.

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



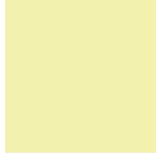


Tritanopia
94, 9.313, 284.590

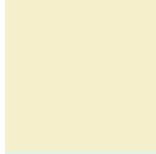
Trichromacy



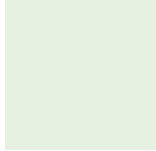
Original Color
94, 37.716, 121.972



Protanomaly
94, 34.038, 106.162

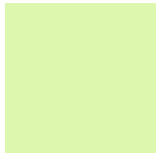


Deuteranomaly
94, 18.981, 104.136

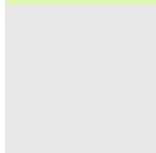


Tritanomaly
94, 8.682, 136.536

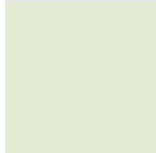
Monochromacy



Original Color
94, 37.716, 121.972



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 13.785, 122.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 37.716, 121.972 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(222, 247, 175)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 247, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 247, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 37.716, 121.972 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(222, 247, 175) }
```

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

```
.border{ border-color:rgb(222, 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(222, 247, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 247, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 247, 175);  
box-shadow:4px 4px 4px 4px rgb(222, 247,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 37.716, 121.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 247, 175) }
```

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

```
.background{ background-color: rgb(222,  
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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