

Converting Colors

CIELCh(94, 43.819, 119.076)

Have a look what the booklet for
CIELCh(94, 43.819, 119.076)
contains.

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Color

CIELCh(94, 43.819, 119.076)

Conversions

Conversions Part 1

Format	Color
Hex	E0F8A3
RGB	224, 248, 163
RGB Percent	88%, 97%, 64%
CMY	0.1233, 0.0292, 0.3624
CMYK	0.10, 0.00, 0.34, 0.03
HSL	77°, 85%, 80%
HSV	77°, 34%, 97%
XYZ	70.6110, 85.2715, 47.1943
YIQ	231.1340, 12.9810, -31.5230

Conversions

Conversions Part 2

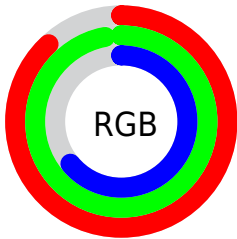
Format	Color
RYB	163, 248, 187
Decimal	14743715
CIELab	94.00, -21.29, 38.30
CIELCh	94, 43.819, 119.076
Yxy	85.2715, 0.3477, 0.4199
Android (android.graphics.Color)	4292933795 (0xFFE0F8A3)
YUV	231.1340, -33.5901, -6.2565
Hunter-Lab	92.3426, -25.1072, 34.3380

Details

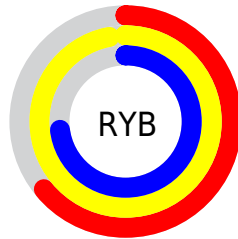
The CIELCh color **94, 43.819, 119.076** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **72, 47.123, 303.653**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.203, 108.801**, and **74, 44.109, 119.062** is the 20% darker color. If you saturate the color by 10%, you get **93, 56.016, 118.516**, and if you desaturate by 10%, it is **95, 31.241, 119.680**.

Distribution



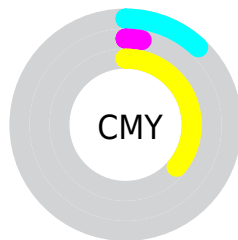
- Red (88%)
- Green (97%)
- Blue (64%)



- Red (64%)
- Yellow (97%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (34%)
- Black (3%)





- Cyan (12%)
- Magenta (3%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 43.819, 119.076 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, 43.819, 119.076 by changing the saturation by 10% instead.


 94, 43.819,
119.076


 94, 43.819,
119.076

 100, 43.819,
119.076


 84, 43.819,
119.076

 74, 43.819,
119.076

 64, 43.819,
119.076

 54, 43.819,
119.076

 44, 43.819,
119.076

 34, 43.819,
119.076

 24, 43.819,

119.076

■ 14, 43.819,
119.076

■ 4, 43.819, 119.076

■ 94, 43.819,
119.076

■ 94, 43.819,
119.076

■ 93, 56.016,
118.516

■ 95, 31.241,
119.680

■ 92, 67.565,
118.040

■ 96, 18.450,
120.292

■ 92, 78.080,
117.719

■ 97, 5.568, 120.898

■ 91, 87.037,
117.649

■ 98, 4.064, 310.331

■ 98, 4.628, 324.536

■ 91, 93.843,
117.941

■ 90, 98.086,
118.688

■ 90, 99.576,
119.275

Harmonies

Complementary

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



94, 43.819, 119.076



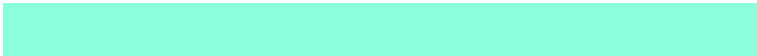
72, 47.123, 303.653

Rectangle

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



94, 43.819, 119.076



94, 43.819, 169.076



94, 43.819, 299.076



94, 43.819, 349.076

Sweetspot

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



94, 43.821, 119.078



99, 13.198, 120.554



80, 28.172, 46.043



53, 9.004, 120.468



0, 0.000, 0.000



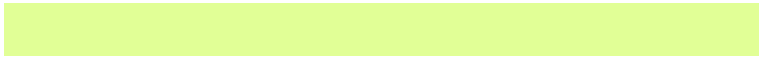
53, 0.007, 296.813

Same Dimension

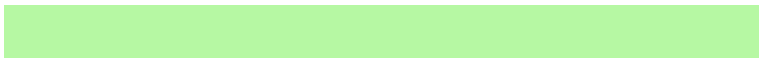
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94, 43.821, 119.078



96, 53.278, 118.692



91, 49.627, 135.999



52, 7.380, 120.585



70, 81.091, 119.041



23, 35.610, 117.820

Inverse Universe

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



72, 47.123, 303.653



69, 58.290, 304.270



76, 50.562, 319.306



48, 7.525, 301.726



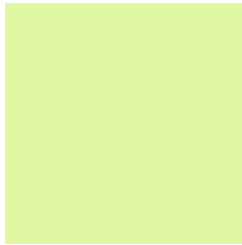
25, 103.874, 308.093



4, 42.787, 306.812

Previews

White Background



This preview shows how the CIELCh color 94, 43.819, 119.076 looks on a white background.

Color Contrast Check

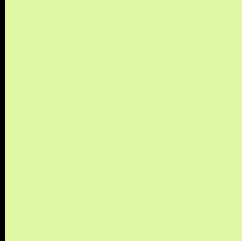
Large Text (above 18pt) WCAG AA × Fail

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, 43.819, 119.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

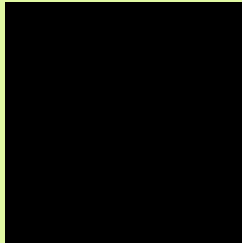
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

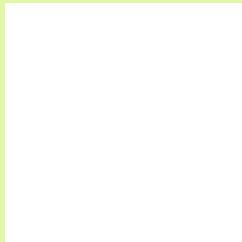
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 43.819, 119.076

Background



This preview shows how black text looks on a background with the CIELCh color 94, 43.819, 119.076.

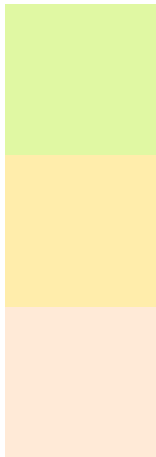


This preview shows how white text looks on a background with the CIELCh color 94, 43.819, 119.076.

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, 43.819, 119.076

Protanopia
94, 34.394, 95.577

Deuteranopia
94, 12.495, 70.745

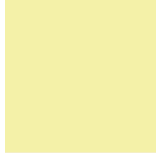


Tritanopia
94, 9.795, 290.948

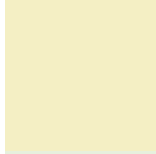
Trichromacy



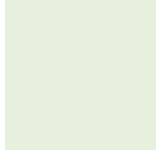
Original Color
94, 43.819, 119.076



Protanomaly
94, 37.031, 105.412

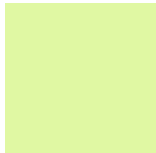


Deuteranomaly
94, 22.055, 103.502

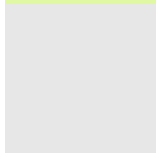


Tritanomaly
94, 10.303, 127.798

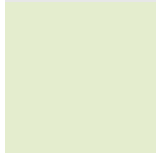
Monochromacy



Original Color
94, 43.819, 119.076



Achromatopsia
92, 0.011, 296.813



Achromatomaly
92, 16.284, 120.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 43.819, 119.076 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, 248, 163)` looks like.

```
.text, #text, p{  
    color:rgb(224, 248, 163)  
}
```

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, 248, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 248, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 43.819, 119.076 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, 248, 163) }
```

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

```
.border{ border-color:rgb(224, 248, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 248, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 248, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 248, 163); box-shadow:4px 4px 4px 4px rgb(224, 248, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 43.819, 119.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 248, 163) }
```

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

```
.background{ background-color: rgb(224,  
248, 163) }
```

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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