

Converting Colors

CIELCh(94, 78.540, 121.617)

Have a look what the booklet for
CIELCh(94, 78.540, 121.617)
contains.

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Color

CIELCh(94, 77.750, 121.387)

Conversions

Conversions Part 1

Format	Color
Hex	C7FF65
RGB	199, 255, 101
RGB Percent	78%, 100%, 40%
CMY	0.2194, 0.0000, 0.6039
CMYK	0.22, 0.00, 0.60, 0.00
HSL	82°, 100%, 70%
HSV	82°, 60%, 100%
XYZ	62.0055, 85.2715, 25.5020
YIQ	220.7000, 16.0580, -59.7660

Conversions

Conversions Part 2

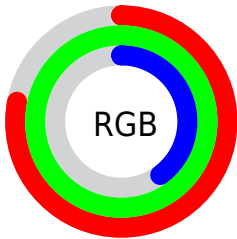
Format	Color
RYB	101, 255, 157
Decimal	13107045
CIELab	94.00, -40.49, 66.37
CIElCh	94, 77.750, 121.387
Yxy	85.2715, 0.3589, 0.4935
Android (android.graphics.Color)	4291297125 (0xFFC7FF65)
YUV	220.7000, -59.0121, -19.0309
Hunter-Lab	92.3426, -41.7418, 48.2659

Details

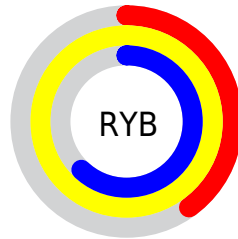
The CIELCh color **94, 77.750, 121.387** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **56, 87.737, 308.300**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 48.795, 106.446**, and **74, 77.367, 121.317** is the 20% darker color. If you saturate the color by 10%, you get **93, 87.390, 121.109**, and if you desaturate by 10%, it is **95, 65.737, 121.550**.

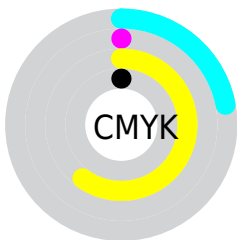
Distribution



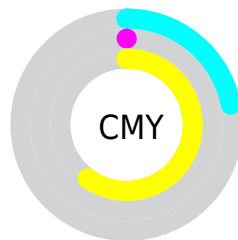
- Red (78%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (62%)



- Cyan (22%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 77.750, 121.387 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, 77.750, 121.387 by changing the saturation by 10% instead.

■ 94, 77.750,
121.387

■ 94, 77.750,
121.387

■ 100, 77.750,
121.387

■ 84, 77.750,
121.387

■ 74, 77.750,
121.387

■ 64, 77.750,
121.387

■ 54, 77.750,
121.387

■ 44, 77.750,
121.387

■ 34, 77.750,
121.387

■ 24, 77.750,

121.387

■ 14, 77.750,
121.387

■ 4, 77.750, 121.387

■ 94, 77.750,
121.387

■ 94, 77.750,
121.387

■ 93, 87.390,
121.109

■ 95, 65.737,
121.550

■ 92, 95.590,
121.338

■ 95, 53.361,
122.009

■ 92, 101.305,
122.023

■ 96, 40.455,
122.532

■ 91, 104.529,
123.109

■ 98, 27.249,
123.079

■ 99, 13.899,
123.624

100, 0.513,
124.306

100, 0.012,
296.813

Harmonies

Complementary

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



94, 77.750, 121.387



56, 87.737, 308.300

Rectangle

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



94, 77.750, 121.387



94, 77.750, 171.387



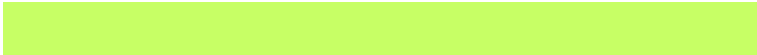
94, 77.750, 301.387



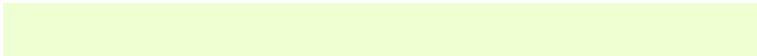
94, 77.750, 351.387

Sweetspot

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



94, 77.241, 121.219



98, 24.064, 123.210



73, 54.535, 53.392



52, 16.712, 123.051



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, 77.241, 121.219



93, 88.857, 121.119



90, 88.528, 136.290



53, 7.604, 123.672



71, 84.018, 122.834



24, 37.593, 121.328

Inverse Universe

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



56, 87.737, 308.300



48, 104.009, 309.050



65, 89.412, 322.789



49, 7.738, 304.667



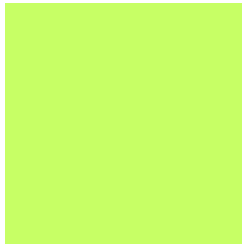
27, 103.421, 309.221



5, 44.855, 309.252

Previews

White Background



This preview shows how the CIE LCh color 94, 77.750, 121.387 looks on a white background.

Color Contrast Check

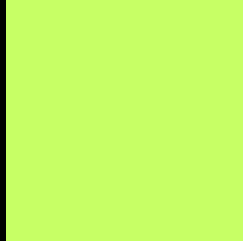
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 94, 77.750, 121.387 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

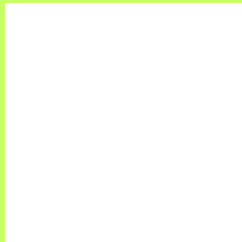
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 77.750, 121.387

Background



This preview shows how black text looks on a background with the CIELCh color 94, 77.750, 121.387.

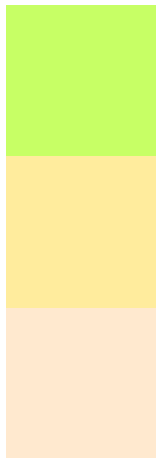


This preview shows how white text looks on a background with the CIELCh color 94, 77.750, 121.387.

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, 77.246, 121.230

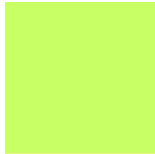
Protanopia
93, 40.875, 96.212

Deuteranopia
93, 15.729, 77.358



Tritanopia
94, 10.118, 253.976

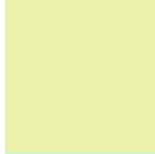
Trichromacy



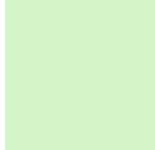
Original Color
94, 77.246, 121.230



Protanomaly
93, 53.032, 109.449

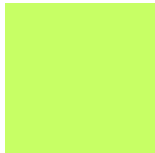


Deuteranomaly
93, 37.101, 110.844

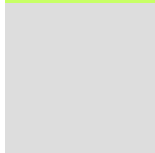


Tritanomaly
93, 26.387, 134.748

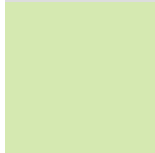
Monochromacy



Original Color
94, 77.246, 121.230



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 29.784, 122.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 77.750, 121.387 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(199, 255, 101)` looks like.

```
.text, #text, p{  
    color:rgb(199, 255, 101)  
}
```

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(199, 255, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 77.750, 121.387 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(199, 255, 101) }
```

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

```
.border{ border-color:rgb(199, 255, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 255, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 255, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 255, 101);  
box-shadow:4px 4px 4px 4px rgb(199, 255,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 77.750, 121.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 255, 101) }
```

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

```
.background{ background-color: rgb(199,  
255, 101) }
```

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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