

Converting Colors

CIELCh(94, 99.088, 113.818)

Have a look what the booklet for
CIELCh(94, 99.088, 113.818)
contains.

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Color

CIELCh(94, 99.020, 113.830)

Conversions

Conversions Part 1

Format	Color
Hex	D1FF02
RGB	209, 255, 2
RGB Percent	82%, 100%, 1%
CMY	0.1794, 0.0000, 0.9921
CMYK	0.18, 0.00, 0.99, 0.00
HSL	71°, 100%, 50%
HSV	71°, 99%, 100%
XYZ	62.2146, 85.2715, 13.2369
YIQ	212.4040, 53.7970, -88.4350

Conversions

Conversions Part 2

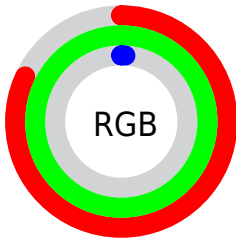
Format	Color
R _Y B	2, 255, 48
Decimal	13762306
CIE Lab	94.00, -40.01, 90.58
CIE LCh	94, 99.020, 113.830
Yxy	85.2715, 0.3871, 0.5305
Android (android.graphics.Color)	4291952386 (0xFFD1FF02)
YUV	212.4040, -103.7292, -2.9853
Hunter-Lab	92.3426, -41.3376, 56.1409

Details

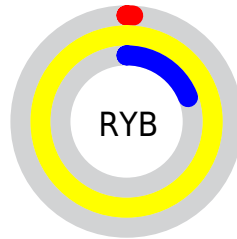
The CIELCh color **94, 99.020, 113.830** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **34, 131.952, 306.973**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 76.002, 104.374**, and **74, 83.236, 117.303** is the 20% darker color. If you saturate the color by 10%, you get **94, 99.098, 113.843**, and if you desaturate by 10%, it is **94, 96.203, 113.136**.

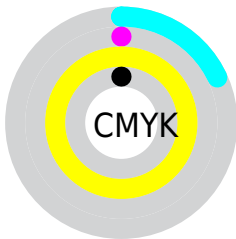
Distribution



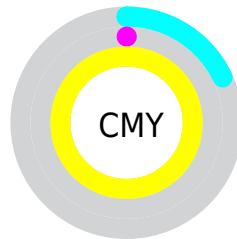
- Red (82%)
- Green (100%)
- Blue (1%)



- Red (1%)
- Yellow (100%)
- Blue (19%)



- Cyan (18%)
- Magenta (0%)
- Yellow (99%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 99.020, 113.830 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, 99.020, 113.830 by changing the saturation by 10% instead.


 94, 99.020,
113.830


 94, 99.020,
113.830


 100, 99.020,
113.830

 84, 99.020,
113.830

 74, 99.020,
113.830

 64, 99.020,
113.830

 54, 99.020,
113.830

 44, 99.020,
113.830

 34, 99.020,
113.830

 24, 99.020,

113.830

■ 14, 99.020,
113.830

■ 4, 99.020, 113.830

■ 94, 99.020,
113.830

■ 94, 99.020,
113.830

■ 94, 99.098,
113.843

■ 94, 96.203,
113.136

■ 95, 90.908,
112.865

■ 95, 83.100,
112.949

■ 96, 73.346,
113.300

■ 96, 62.248,
113.829

■ 97, 50.284,
114.467

■ 97, 37.787,
115.164

■ 98, 24.977,
115.884

■ 99, 12.000,
116.605

Harmonies

Complementary

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



94, 99.020, 113.830



34, 131.952, 306.973

Rectangle

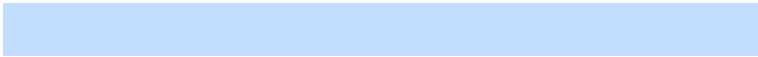
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 99.020, 113.830



94, 99.020, 163.830



94, 99.020, 293.830



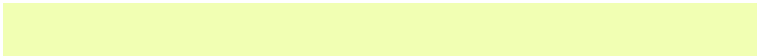
94, 99.020, 343.830

Sweetspot

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



94, 98.928, 113.786



97, 38.791, 115.108



55, 100.596, 42.119



52, 26.378, 114.810



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, 98.928, 113.786



94, 99.098, 113.843



89, 114.571, 132.703



53, 7.410, 116.584



73, 79.762, 113.667



25, 36.059, 112.744

Inverse Universe

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



34, 131.952, 306.973



34, 132.342, 306.985



47, 120.409, 316.190



49, 7.569, 297.964



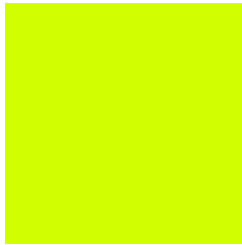
24, 106.427, 307.089



4, 44.520, 305.180

Previews

White Background



This preview shows how the CIE LCh color 94, 99.020, 113.830 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, 99.020, 113.830 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, 99.020, 113.830

Background



This preview shows how black text looks on a background with the CIELCh color 94, 99.020, 113.830.



This preview shows how white text looks on a background with the CIELCh color 94, 99.020, 113.830.

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

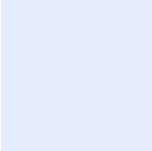
94, 98.952, 113.842

Protanopia

94, 39.791, 96.635

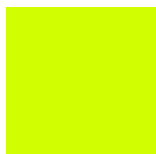
Deuteranopia

94, 15.967, 79.416



Tritanopia
94, 9.533, 276.441

Trichromacy



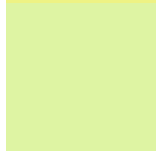
Original Color
94, 98.952, 113.842



Protanomaly
93, 68.539, 106.829

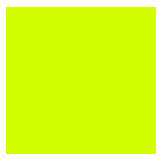


Deuteranomaly
93, 54.850, 107.501



Tritanomaly
93, 41.846, 118.700

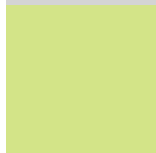
Monochromacy



Original Color
94, 98.952, 113.842



Achromatopsia
85, 0.010, 296.813



Achromatomaly
88, 47.236, 114.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 99.020, 113.830 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(209, 255, 2)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 2)  
}
```

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(209, 255, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 99.020, 113.830 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(209, 255, 2) }
```

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

```
.border{ border-color:rgb(209, 255, 2) }
```

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

Here you see how a box with a 4 pixel rgb(209, 255, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 2);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 99.020, 113.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 2) }
```

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

```
.background{ background-color: rgb(209,  
255, 2) }
```

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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