

Converting Colors

CIELCh(94, 97.294, 114.379)

Have a look what the booklet for
CIELCh(94, 97.294, 114.379)
contains.

CIELCh(94, 97.171, 114.400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(94, 97.171, 114.400)

Conversions

Conversions Part 1

Format	Color
Hex	D0FF19
RGB	208, 255, 25
RGB Percent	82%, 100%, 10%
CMY	0.1829, 0.0000, 0.9027
CMYK	0.18, 0.00, 0.90, 0.00
HSL	72°, 100%, 55%
HSV	72°, 90%, 100%
XYZ	62.1564, 85.2715, 14.0908
YIQ	214.7270, 45.8180, -81.4940

Conversions

Conversions Part 2

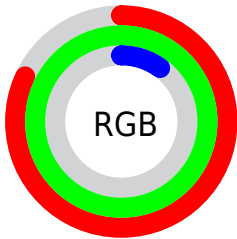
Format	Color
R _Y B	25, 255, 72
Decimal	13696793
CIE Lab	94.00, -40.14, 88.49
CIE LCh	94, 97.171, 114.400
Yxy	85.2715, 0.3848, 0.5279
Android (android.graphics.Color)	4291886873 (0xFFD0FF19)
YUV	214.7270, -93.5354, -5.8996
Hunter-Lab	92.3426, -41.4500, 55.5926

Details

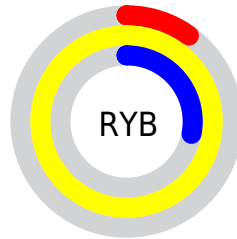
The CIELCh color **94, 97.171, 114.400** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **36, 126.339, 307.069**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 73.258, 104.580**, and **74, 83.353, 117.566** is the 20% darker color. If you saturate the color by 10%, you get **94, 99.612, 115.069**, and if you desaturate by 10%, it is **94, 91.954, 113.962**.

Distribution



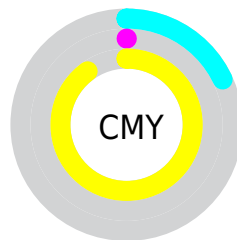
- Red (82%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (28%)



- Cyan (18%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 97.171, 114.400 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, 97.171, 114.400 by changing the saturation by 10% instead.

 94, 97.171,
114.400

 94, 97.171,
114.400

 100, 97.171,
114.400

 84, 97.171,
114.400

 74, 97.171,
114.400

 64, 97.171,
114.400

 54, 97.171,
114.400

 44, 97.171,
114.400

 34, 97.171,
114.400

 24, 97.171,

114.400

■ 14, 97.171,
114.400

■ 4, 97.171, 114.400

■ 94, 97.171,
114.400

■ 94, 97.171,
114.400

■ 94, 99.612,
115.069

■ 94, 91.954,
113.962

■ 95, 84.324,
113.966

■ 95, 74.691,
114.257

■ 96, 63.662,
114.741

■ 97, 51.728,
115.343

■ 97, 39.235,
116.010

■ 98, 26.414,
116.703

■ 99, 13.416,
117.398

100, 0.343,
118.120

Harmonies

Complementary

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



94, 97.171, 114.400



36, 126.339, 307.069

Rectangle

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



94, 97.171, 114.400



94, 97.171, 164.400



94, 97.171, 294.400



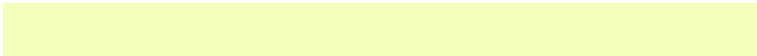
94, 97.171, 344.400

Sweetspot

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



94, 97.037, 114.337



98, 35.069, 116.235



58, 92.410, 43.159



52, 23.579, 116.000



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, 97.037, 114.337



94, 99.612, 115.069



89, 111.872, 132.663



53, 7.427, 117.451



72, 80.164, 114.876



25, 36.197, 113.852

Inverse Universe

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



36, 126.339, 307.069



34, 132.013, 307.150



50, 116.471, 317.808



49, 7.584, 298.776



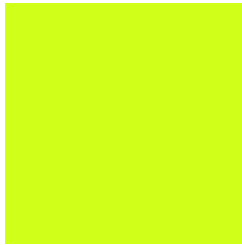
24, 106.150, 307.264



4, 44.563, 305.599

Previews

White Background



This preview shows how the CIELCh color 94, 97.171, 114.400 looks on a white background.

Color Contrast Check

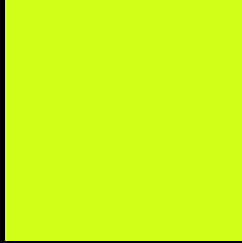
Large Text (above 18pt) WCAG AA × Fail

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, 97.171, 114.400 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, 97.171, 114.400

Background



This preview shows how black text looks on a background with the CIELCh color 94, 97.171, 114.400.

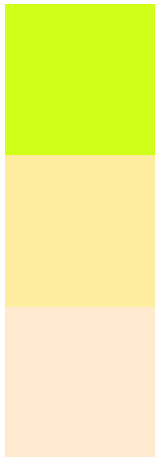


This preview shows how white text looks on a background with the CIELCh color 94, 97.171, 114.400.

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](#).

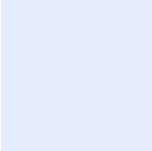
Dichromacy



Original Color
94, 97.044, 114.422

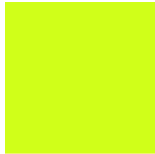
Protanopia
94, 40.280, 96.711

Deuteranopia
94, 15.967, 79.416



Tritanopia
94, 9.533, 276.441

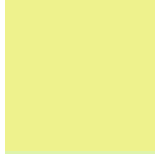
Trichromacy



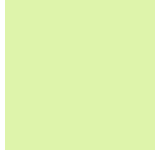
Original Color
94, 97.044, 114.422



Protanomaly
93, 65.581, 107.144



Deuteranomaly
93, 50.625, 107.966

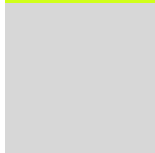


Tritanomaly
93, 37.988, 120.106

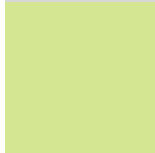
Monochromacy



Original Color
94, 97.044, 114.422



Achromatopsia
86, 0.010, 296.813



Achromatomaly
88, 43.322, 115.591

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 97.171, 114.400 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(208, 255, 25)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 25)  
}
```

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(208, 255, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 97.171, 114.400 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(208, 255, 25) }
```

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

```
.border{ border-color:rgb(208, 255, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 255, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 25);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 97.171, 114.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 25) }
```

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

```
.background{ background-color: rgb(208,  
255, 25) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor