

Converting Colors

CIELCh(79, 101.119, 130.273)

Have a look what the booklet for
CIELCh(79, 101.119, 130.273)
contains.

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Color

CIELCh(79, 100.677, 130.415)

Conversions

Conversions Part 1

Format	Color
Hex	5FDE01
RGB	95, 222, 1
RGB Percent	37%, 87%, 0%
CMY	0.6256, 0.1277, 0.9947
CMYK	0.57, 0.00, 0.99, 0.13
HSL	94°, 99%, 44%
HSV	94°, 99%, 87%
XYZ	31.0103, 54.9284, 9.0061
YIQ	158.8330, -4.7510, -95.6550

Conversions

Conversions Part 2

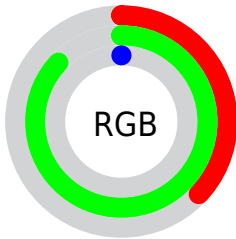
Format	Color
RYB	1, 222, 128
Decimal	6282753
CIELab	79.00, -65.27, 76.65
CIELCh	79, 100.677, 130.415
Yxy	54.9284, 0.3266, 0.5785
Android (android.graphics.Color)	4284472833 (0xFF5FDE01)
YUV	158.8330, -77.8117, -55.9815
Hunter-Lab	74.1137, -55.0118, 44.6749

Details

The CIELCh color **79, 100.677, 130.415** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **38, 110.648, 313.622**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 88.414, 128.786**, and **59, 86.858, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **79, 100.889, 130.475**, and if you desaturate by 10%, it is **79, 96.737, 129.436**.

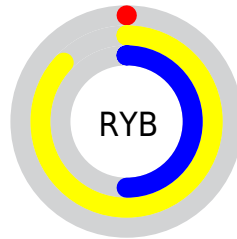
Distribution



Red (37%)

Green (87%)

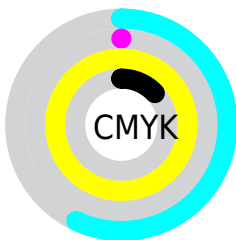
Blue (0%)



Red (0%)

Yellow (87%)

Blue (50%)

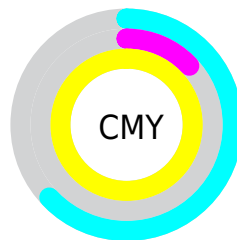


Cyan (57%)

Magenta (0%)

Yellow (99%)

Black (13%)



Cyan (63%)


Magenta (13%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 100.677, 130.415 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 79, 100.677, 130.415 by changing the saturation by 10% instead.


 79, 100.677,
130.415


 79, 100.677,
130.415


 100, 100.677,
130.415


 69, 100.677,
130.415


 99, 100.677,
130.415

 59, 100.677,
130.415

 49, 100.677,
130.415

 39, 100.677,
130.415

 29, 100.677,
130.415

 19, 100.677,
130.415

 9, 100.677,

130.415

■ 0, 100.677,
130.415

■ 79, 100.677,
130.415

■ 79, 100.677,
130.415

■ 79, 100.889,
130.475

■ 79, 96.737,
129.436

■ 80, 90.568,
128.887

■ 81, 82.220,
128.770

■ 81, 72.206,
128.957

■ 82, 61.051,
129.327

■ 83, 49.172,
129.787

■ 85, 36.869,
130.279

■ 86, 24.353,
130.766

■ 87, 11.770,
131.233

Harmonies

Complementary

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



79, 100.677, 130.415



38, 110.648, 313.622

Rectangle

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



79, 100.677, 130.415



79, 100.677, 180.415



79, 100.677, 310.415



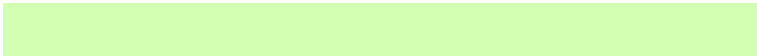
79, 100.677, 0.415

Sweetspot

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



79, 100.677, 130.416



95, 42.038, 130.238



62, 75.045, 66.046



50, 28.631, 130.028



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 100.677, 130.416



89, 112.008, 130.594



78, 106.705, 136.491



46, 7.170, 131.230



64, 84.462, 130.231



17, 31.532, 130.398

Inverse Universe

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



38, 110.648, 313.622



43, 123.032, 313.497



52, 98.777, 331.093



44, 7.254, 312.007



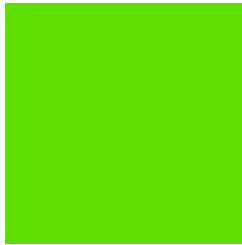
29, 92.945, 313.757



4, 34.003, 313.115

Previews

White Background



This preview shows how the CIELCh color 79, 100.677, 130.415 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 79, 100.677, 130.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

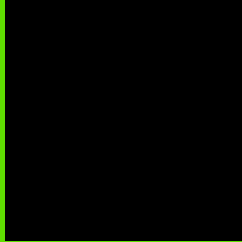
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 100.677, 130.415

Background



This preview shows how black text looks on a background with the CIELCh color 79, 100.677, 130.415.



This preview shows how white text looks on a background with the CIELCh color 79, 100.677, 130.415.

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

79, 100.598, 130.442

Protanopia

79, 79.963, 95.175

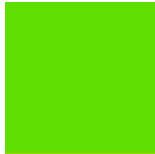
Deuteranopia

78, 72.870, 82.054



Tritanopia
79, 25.227, 217.816

Trichromacy



Original Color
79, 100.598, 130.442



Protanomaly
78, 83.508, 112.024



Deuteranomaly
77, 76.139, 105.836



Tritanomaly
78, 51.071, 148.723

Monochromacy



Original Color
79, 100.598, 130.442



Achromatopsia
65, 0.008, 296.813



Achromatomaly
69, 46.475, 129.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 100.677, 130.415 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(95, 222, 1)` looks like.

```
.text, #text, p{  
    color:rgb(95, 222, 1)  
}
```

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(95, 222, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 222, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 100.677, 130.415 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(95, 222, 1) }
```

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

```
.border{ border-color:rgb(95, 222, 1) }
```

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

Here you see how a box with a 4 pixel rgb(95, 222, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 222, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 222, 1);  
box-shadow:4px 4px 4px 4px rgb(95, 222, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 79, 100.677, 130.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 222, 1) }
```

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

```
.background{ background-color: rgb(95, 222,  
1) }
```

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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