

Converting Colors

CIELCh(79, 98.835, 128.700)

Have a look what the booklet for
CIELCh(79, 98.835, 128.700)
contains.

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Color

CIELCh(79, 98.600, 128.749)

Conversions

Conversions Part 1

Format	Color
Hex	6BDD01
RGB	107, 221, 1
RGB Percent	42%, 87%, 0%
CMY	0.5798, 0.1327, 0.9980
CMYK	0.52, 0.00, 1.00, 0.13
HSL	91°, 100%, 43%
HSV	91°, 100%, 87%
XYZ	31.9814, 54.9284, 8.9302
YIQ	161.8340, 2.6760, -92.5880

Conversions

Conversions Part 2

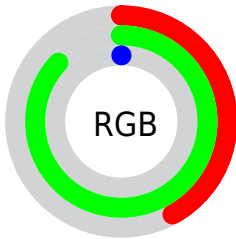
Format	Color
RYB	1, 221, 115
Decimal	7068929
CIELab	79.00, -61.71, 76.90
CIELCh	79, 98.600, 128.749
Yxy	54.9284, 0.3337, 0.5731
Android (android.graphics.Color)	4285259009 (0xFF6BDD01)
YUV	161.8340, -79.2912, -48.0894
Hunter-Lab	74.1137, -52.6730, 44.7355

Details

The CIELCh color **79, 98.600, 128.749** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **36, 111.699, 312.162**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 86.906, 126.830**, and **59, 84.810, 134.572** is the 20% darker color. If you saturate the color by 10%, you get **79, 98.677, 128.774**, and if you desaturate by 10%, it is **79, 94.820, 127.690**.

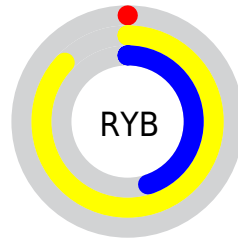
Distribution



Red (42%)

Green (87%)

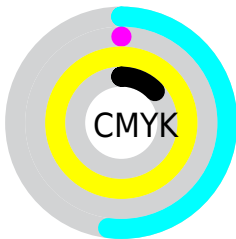
Blue (0%)



Red (0%)

Yellow (87%)

Blue (45%)

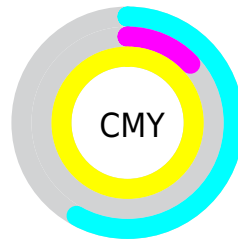


Cyan (52%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (58%)

Magenta (13%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 98.600, 128.749 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, 98.600, 128.749 by changing the saturation by 10% instead.

 79, 98.600,
128.749

 79, 98.600,
128.749

 100, 98.600,
128.749

 69, 98.600,
128.749

 99, 98.600,
128.749

 59, 98.600,
128.749

 49, 98.600,
128.749

 39, 98.600,
128.749

 29, 98.600,
128.749

 19, 98.600,
128.749

 9, 98.600, 128.749

■ 0, 98.600, 128.749

■ 79, 98.600,
128.749

■ 79, 98.600,
128.749

■ 79, 98.677,
128.774

■ 79, 94.820,
127.690

■ 80, 88.901,
127.062

■ 81, 80.826,
126.879

■ 81, 71.095,
127.016

■ 82, 60.226,
127.350

■ 83, 48.631,
127.788

■ 84, 36.607,
128.270

■ 86, 24.358,
128.757

■ 87, 12.027,
129.230

Harmonies

Complementary

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



79, 98.600, 128.749



36, 111.699, 312.162

Rectangle

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



79, 98.600, 128.749



79, 98.600, 178.749



79, 98.600, 308.749



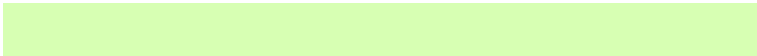
79, 98.600, 358.749

Sweetspot

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



79, 98.600, 128.750



96, 41.395, 128.247



59, 76.624, 60.168



51, 28.187, 128.040



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, 98.600, 128.750



90, 110.028, 128.904



77, 107.513, 136.023



46, 6.937, 129.246



63, 82.072, 128.507



16, 29.457, 128.995

Inverse Universe

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



36, 111.699, 312.162



41, 124.596, 312.058



53, 103.740, 328.231



43, 7.029, 310.051



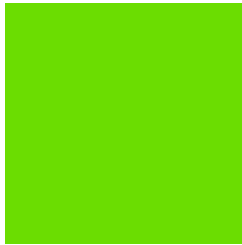
27, 93.074, 312.334



3, 31.369, 310.070

Previews

White Background



This preview shows how the CIELCh color 79, 98.600, 128.749 looks on a white background.

Color Contrast Check

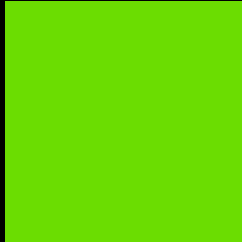
Large Text (above 18pt) WCAG AA × Fail

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 79, 98.600, 128.749 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

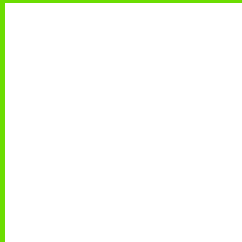
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 98.600, 128.749

Background



This preview shows how black text looks on a background with the CIELCh color 79, 98.600, 128.749.



This preview shows how white text looks on a background with the CIELCh color 79, 98.600, 128.749.

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

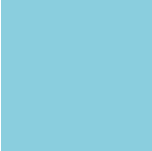
79, 98.520, 128.776

Protanopia

79, 79.963, 95.175

Deuteranopia

78, 73.163, 82.109



Tritanopia
79, 22.786, 220.224

Trichromacy



Original Color
79, 98.520, 128.776



Protanomaly
78, 83.211, 110.887



Deuteranomaly
77, 76.275, 104.501



Tritanomaly
78, 48.851, 146.074

Monochromacy



Original Color
79, 98.520, 128.776



Achromatopsia
67, 0.008, 296.813



Achromatomaly
70, 46.224, 127.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 98.600, 128.749 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(107, 221, 1)` looks like.

```
.text, #text, p{  
    color:rgb(107, 221, 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(107, 221, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 221, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 98.600, 128.749 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(107, 221, 1) }
```

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

```
.border{ border-color:rgb(107, 221, 1) }
```

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

Here you see how a box with a 4 pixel rgb(107, 221, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 221, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 221, 1);  
box-shadow:4px 4px 4px 4px rgb(107, 221,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 98.600, 128.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 221, 1) }
```

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

```
.background{ background-color: rgb(107,  
221, 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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