

Converting Colors

CIELCh(71, 84.225, 122.881)

Have a look what the booklet for
CIELCh(71, 84.225, 122.881)
contains.

CIELCh(71, 84.377, 122.878)	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(71, 84.377, 122.878)

Conversions

Conversions Part 1

Format	Color
Hex	7BC101
RGB	123, 193, 1
RGB Percent	48%, 76%, 0%
CMY	0.5190, 0.2444, 0.9955
CMYK	0.36, 0.00, 0.99, 0.24
HSL	82°, 99%, 38%
HSV	82°, 99%, 76%
XYZ	27.1263, 42.1875, 6.7456
YIQ	150.1820, 19.9120, -74.5520

Conversions

Conversions Part 2

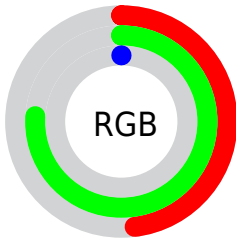
Format	Color
RYB	1, 193, 71
Decimal	8110337
CIELab	71.00, -45.80, 70.86
CIELCh	71, 84.377, 122.878
Yxy	42.1875, 0.3566, 0.5547
Android (android.graphics.Color)	4286300417 (0xFF7BC101)
YUV	150.1820, -73.5467, -23.8386
Hunter-Lab	64.9519, -39.1176, 39.3087

Details

The CIELCh color **71, 84.377, 122.878** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **27, 103.662, 309.262**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 84.368, 122.911**, and **51, 70.072, 128.919** is the 20% darker color. If you saturate the color by 10%, you get **71, 84.553, 122.938**, and if you desaturate by 10%, it is **71, 81.162, 121.900**.

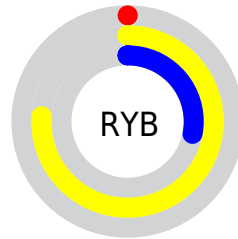
Distribution



Red (48%)

Green (76%)

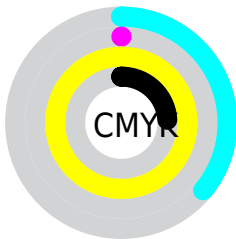
Blue (0%)



Red (0%)

Yellow (76%)

Blue (28%)

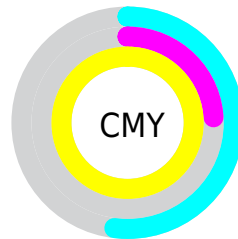


Cyan (36%)

Magenta (0%)

Yellow (99%)

Black (24%)



Cyan (52%)

Magenta (24%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 84.377, 122.878 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 71, 84.377, 122.878 by changing the saturation by 10% instead.


 71, 84.377,
122.878

 71, 84.377,
122.878


 100, 84.377,
122.878


 61, 84.377,
122.878


 91, 84.377,
122.878

 51, 84.377,
122.878

 41, 84.377,
122.878

 31, 84.377,
122.878

 21, 84.377,
122.878

 11, 84.377,
122.878

 1, 84.377, 122.878

■ 0, 84.377, 122.878

■ 71, 84.377,
122.878

■ 71, 84.377,
122.878

■ 71, 84.553,
122.938

■ 71, 81.162,
121.900

■ 72, 76.103,
121.340

■ 72, 69.177,
121.198

■ 73, 60.828,
121.359

■ 74, 51.501,
121.713

■ 74, 41.548,
122.178

■ 75, 31.214,
122.698

■ 76, 20.668,
123.235

■ 77, 10.022,
123.768

Harmonies

Complementary

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



71, 84.377, 122.878



27, 103.662, 309.262

Rectangle

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



71, 84.377, 122.878



71, 84.377, 172.878



71, 84.377, 302.878



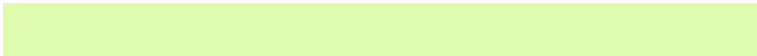
71, 84.377, 352.878

Sweetspot

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



71, 84.377, 122.879



95, 39.311, 122.641



46, 74.199, 50.005



50, 26.746, 122.417



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 84.377, 122.879



90, 103.003, 123.188



68, 95.767, 135.195



41, 6.070, 123.770



60, 73.779, 122.724



11, 20.133, 126.988

Inverse Universe

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



27, 103.662, 309.262



36, 126.649, 309.092



41, 94.608, 322.500



38, 6.174, 304.729



22, 90.709, 309.389



2, 19.852, 301.003

Previews

White Background



This preview shows how the CIELCh color 71, 84.377, 122.878 looks on a white background.

Color Contrast Check

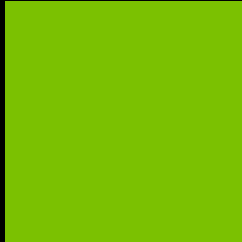
Large Text (above 18pt) WCAG AA × Fail

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 71, 84.377, 122.878 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 71, 84.377, 122.878

Background



This preview shows how black text looks on a background with the CIELCh color 71, 84.377, 122.878.



This preview shows how white text looks on a background with the CIELCh color 71, 84.377, 122.878.

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





Tritanopia
71, 14.241, 231.261

Trichromacy



Original Color
71, 84.477, 122.846

Protanomaly
70, 74.825, 106.609

Deuteranomaly
70, 69.207, 99.835

Tritanomaly
70, 37.928, 136.682

Monochromacy



Original Color
71, 84.477, 122.846

Achromatopsia
62, 0.008, 296.813

Achromatomaly
65, 39.343, 122.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 84.377, 122.878 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(123, 193, 1)` looks like.

```
.text, #text, p{  
    color:rgb(123, 193, 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(123, 193, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 193, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 84.377, 122.878 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(123, 193, 1) }
```

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

```
.border{ border-color:rgb(123, 193, 1) }
```

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

Here you see how a box with a 4 pixel rgb(123, 193, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 193, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 193, 1);  
box-shadow:4px 4px 4px 4px rgb(123, 193,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 84.377, 122.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 193, 1) }
```

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

```
.background{ background-color: rgb(123,  
193, 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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