

Converting Colors

CIELCh(71, 84.054, 122.892)

Have a look what the booklet for
CIELCh(71, 84.054, 122.892)
contains.

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Color

CIELCh(71, 84.176, 122.941)

Conversions

Conversions Part 1

Format	Color
Hex	7BC103
RGB	123, 193, 3
RGB Percent	48%, 76%, 1%
CMY	0.5190, 0.2444, 0.9878
CMYK	0.36, 0.00, 0.98, 0.24
HSL	82°, 97%, 38%
HSV	82°, 98%, 76%
XYZ	27.1341, 42.1875, 6.8018
YIQ	150.4100, 19.2700, -73.9300

Conversions

Conversions Part 2

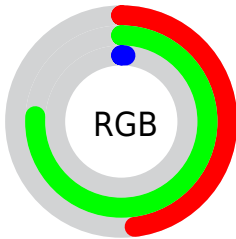
Format	Color
RYB	3, 193, 73
Decimal	8110339
CIELab	71.00, -45.77, 70.64
CIELCh	71, 84.176, 122.941
Yxy	42.1875, 0.3564, 0.5542
Android (android.graphics.Color)	4286300419 (0xFF7BC103)
YUV	150.4100, -72.6731, -24.0386
Hunter-Lab	64.9519, -39.0962, 39.2574

Details

The CIELCh color **71, 84.176, 122.941** 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 **28, 103.073, 309.347**, 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, 84.656, 123.104**, and if you desaturate by 10%, it is **71, 80.827, 121.982**.

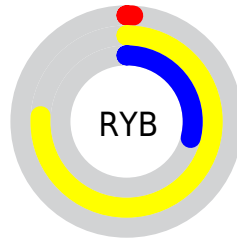
Distribution



Red (48%)

Green (76%)

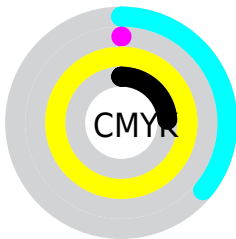
Blue (1%)



Red (1%)

Yellow (76%)

Blue (29%)

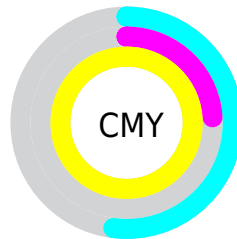


Cyan (36%)

Magenta (0%)

Yellow (98%)

Black (24%)



Cyan (52%)


Magenta (24%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 84.176, 122.941 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, 84.176, 122.941 by changing the saturation by 10% instead.


 71, 84.176,
122.941


 71, 84.176,
122.941


 100, 84.176,
122.941


 61, 84.176,
122.941


 91, 84.176,
122.941

 51, 84.176,
122.941

 41, 84.176,
122.941

 31, 84.176,
122.941

 21, 84.176,
122.941

 11, 84.176,
122.941

 1, 84.176, 122.941

■ 0, 84.176, 122.941

■ 71, 84.176,
122.941

■ 71, 84.176,
122.941

■ 71, 84.656,
123.104

■ 71, 80.827,
121.982

■ 72, 75.549,
121.466

■ 72, 68.444,
121.358

■ 73, 59.964,
121.542

■ 74, 50.548,
121.909

■ 74, 40.537,
122.380

■ 75, 30.165,
122.900

■ 76, 19.596,
123.435

■ 77, 8.937, 123.965

Harmonies

Complementary

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



71, 84.176, 122.941



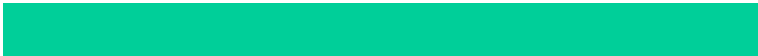
28, 103.073, 309.347

Rectangle

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



71, 84.176, 122.941



71, 84.176, 172.941



71, 84.176, 302.941



71, 84.176, 352.941

Sweetspot

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



71, 84.176, 122.942



95, 39.342, 122.789



47, 72.869, 51.125



50, 26.768, 122.567



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, 84.176, 122.942



90, 103.134, 123.355



68, 95.665, 135.342



41, 6.074, 123.913



60, 73.870, 122.889



11, 20.160, 127.163

Inverse Universe

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



28, 103.073, 309.347



36, 126.555, 309.153



41, 94.182, 323.143



38, 6.178, 304.867



22, 90.642, 309.452



2, 19.860, 301.115

Previews

White Background



This preview shows how the CIELCh color 71, 84.176, 122.941 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 71, 84.176, 122.941 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, 84.176, 122.941

Background



This preview shows how black text looks on a background with the CIELCh color 71, 84.176, 122.941.

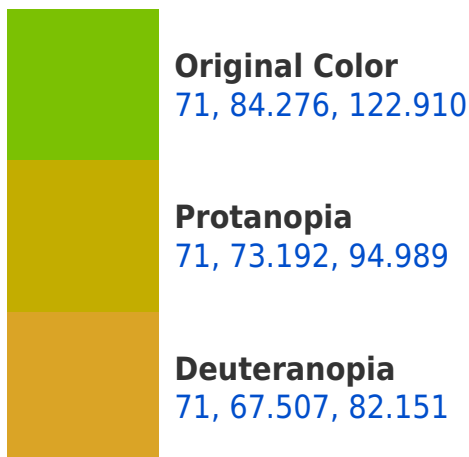


This preview shows how white text looks on a background with the CIELCh color 71, 84.176, 122.941.

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, 84.276, 122.910

Protanomaly
70, 74.710, 106.625

Deuteranomaly
70, 69.207, 99.835

Tritanomaly
70, 37.465, 137.082

Monochromacy



Original Color
71, 84.276, 122.910

Achromatopsia
62, 0.008, 296.813

Achromatomaly
65, 38.850, 122.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 84.176, 122.941 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, 3)` looks like.

```
.text, #text, p{  
    color:rgb(123, 193, 3)  
}
```

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, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 193, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 84.176, 122.941 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, 3) }
```

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

```
.border{ border-color:rgb(123, 193, 3) }
```

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, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 193, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 193, 3);  
box-shadow:4px 4px 4px 4px rgb(123, 193,  
3) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 84.176, 122.941 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, 3) }
```

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

```
.background{ background-color: rgb(123,  
193, 3) }
```

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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