

Converting Colors

CIELCh(73, 86.396, 123.103)

Have a look what the booklet for
CIELCh(73, 86.396, 123.103)
contains.

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Color

CIELCh(73, 86.480, 123.087)

Conversions

Conversions Part 1

Format	Color
Hex	7EC701
RGB	126, 199, 1
RGB Percent	49%, 78%, 0%
CMY	0.5068, 0.2205, 0.9946
CMYK	0.37, 0.00, 0.99, 0.22
HSL	82°, 99%, 39%
HSV	82°, 99%, 78%
XYZ	28.9492, 45.1644, 7.2309
YIQ	154.6010, 20.0500, -77.0540

Conversions

Conversions Part 2

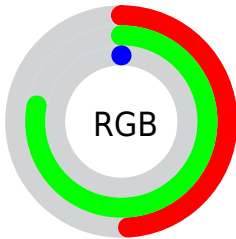
Format	Color
R_{YB}	1, 199, 74
Decimal	8308481
CIE _{Lab}	73.00, -47.21, 72.46
CIE _{LCh}	73, 86.480, 123.087
Yxy	45.1644, 0.3559, 0.5552
Android (android.graphics.Color)	4286498561 (0xFF7EC701)
YUV	154.6010, -75.7253, -25.0831
Hunter-Lab	67.2044, -40.7167, 40.6638

Details

The CIELCh color **73, 86.480, 123.087** 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, 105.997, 309.315**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 86.004, 122.992**, and **53, 71.828, 128.823** is the 20% darker color. If you saturate the color by 10%, you get **73, 86.687, 123.159**, and if you desaturate by 10%, it is **73, 83.213, 122.090**.

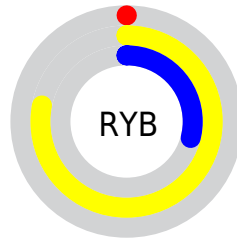
Distribution



Red (49%)

Green (78%)

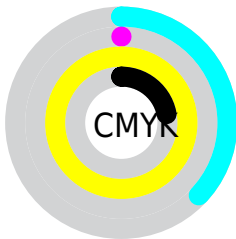
Blue (0%)



Red (0%)

Yellow (78%)

Blue (29%)

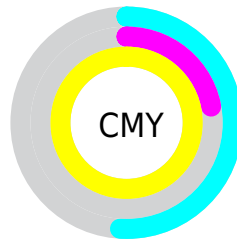


Cyan (37%)

Magenta (0%)

Yellow (99%)

Black (22%)



Cyan (51%)


Magenta (22%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 86.480, 123.087 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 73, 86.480, 123.087 by changing the saturation by 10% instead.


 73, 86.480,
123.087

 73, 86.480,
123.087


 100, 86.480,
123.087


 63, 86.480,
123.087


 93, 86.480,
123.087

 53, 86.480,
123.087

 43, 86.480,
123.087

 33, 86.480,
123.087

 23, 86.480,
123.087

 13, 86.480,
123.087

 3, 86.480, 123.087

■ 0, 86.480, 123.087

■ 73, 86.480,
123.087

■ 73, 86.480,
123.087

■ 73, 86.687,
123.159

■ 73, 83.213,
122.090

■ 74, 78.025,
121.521

■ 74, 70.917,
121.374

■ 75, 62.344,
121.533

■ 76, 52.766,
121.885

■ 76, 42.545,
122.349

■ 77, 31.935,
122.867

■ 78, 21.106,
123.403

■ 79, 10.178,
123.934

Harmonies

Complementary

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



73, 86.480, 123.087



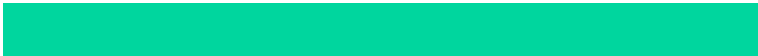
28, 105.997, 309.315

Rectangle

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



73, 86.480, 123.087



73, 86.480, 173.087



73, 86.480, 303.087



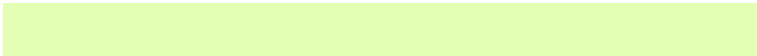
73, 86.480, 353.087

Sweetspot

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



73, 86.480, 123.088



96, 39.995, 122.807



48, 75.248, 50.930



51, 27.216, 122.583



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 86.480, 123.088



91, 104.757, 123.394



70, 98.205, 135.352



42, 6.206, 123.930



61, 74.755, 122.931



12, 21.836, 126.067

Inverse Universe

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



28, 105.997, 309.315



37, 128.512, 309.150



43, 96.631, 323.106



39, 6.312, 304.887



22, 91.704, 309.447



2, 21.954, 301.589

Previews

White Background



This preview shows how the CIELCh color 73, 86.480, 123.087 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 73, 86.480, 123.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

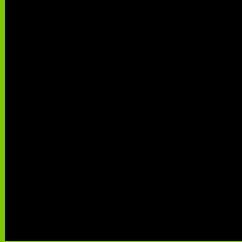
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 86.480, 123.087

Background



This preview shows how black text looks on a background with the CIELCh color 73, 86.480, 123.087.



This preview shows how white text looks on a background with the CIELCh color 73, 86.480, 123.087.

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

73, 86.576, 123.058

Protanopia

73, 75.017, 95.231

Deuteranopia

73, 69.246, 82.013



Tritanopia
73, 14.966, 231.747

Trichromacy



Original Color
73, 86.576, 123.058

Protanomaly
72, 76.585, 106.840

Deuteranomaly
72, 71.221, 99.926

Tritanomaly
72, 38.756, 137.697

Monochromacy



Original Color
73, 86.576, 123.058

Achromatopsia
64, 0.008, 296.813

Achromatomaly
66, 39.698, 122.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 86.480, 123.087 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(126, 199, 1)` looks like.

```
.text, #text, p{  
    color:rgb(126, 199, 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(126, 199, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 199, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 86.480, 123.087 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(126, 199, 1) }
```

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

```
.border{ border-color:rgb(126, 199, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 199, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 199, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 199, 1);  
box-shadow:4px 4px 4px 4px rgb(126, 199,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 86.480, 123.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 199, 1) }
```

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

```
.background{ background-color: rgb(126,  
199, 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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