

Converting Colors

CIELCh(73, 82.341, 124.948)

Have a look what the booklet for
CIELCh(73, 82.341, 124.948)
contains.

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Color

CIELCh(73, 82.431, 124.926)

Conversions

Conversions Part 1

Format	Color
Hex	7CC721
RGB	124, 199, 33
RGB Percent	49%, 78%, 13%
CMY	0.5143, 0.2201, 0.8713
CMYK	0.38, 0.00, 0.84, 0.22
HSL	87°, 72%, 45%
HSV	87°, 84%, 78%
XYZ	28.9536, 45.1644, 8.6159
YIQ	157.6510, 8.5860, -67.5260

Conversions

Conversions Part 2

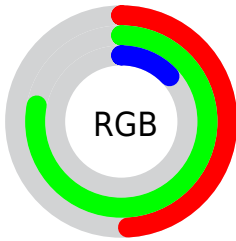
Format	Color
RYB	33, 199, 108
Decimal	8177441
CIELab	73.00, -47.19, 67.58
CIELCh	73, 82.431, 124.926
Yxy	45.1644, 0.3500, 0.5459
Android (android.graphics.Color)	4286367521 (0xFF7CC721)
YUV	157.6510, -61.4529, -29.5119
Hunter-Lab	67.2044, -40.7049, 39.4419

Details

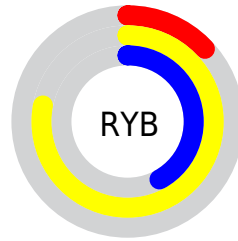
The CIELCh color **73, 82.431, 124.926** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **35, 95.243, 311.374**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 81.712, 124.782**, and **53, 72.135, 129.241** is the 20% darker color. If you saturate the color by 10%, you get **73, 87.003, 125.735**, and if you desaturate by 10%, it is **74, 75.809, 124.591**.

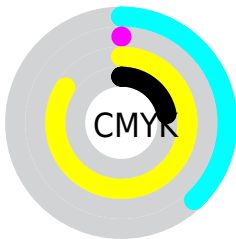
Distribution



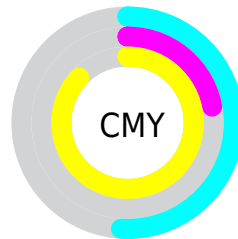
- Red (49%)
- Green (78%)
- Blue (13%)



- Red (13%)
- Yellow (78%)
- Blue (42%)



- Cyan (38%)
- Magenta (0%)
- Yellow (84%)
- Black (22%)





- Cyan (51%)
- Magenta (22%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 82.431, 124.926 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, 82.431, 124.926 by changing the saturation by 10% instead.


 73, 82.431,
124.926

 73, 82.431,
124.926


 100, 82.431,
124.926


 63, 82.431,
124.926


 93, 82.431,
124.926

 53, 82.431,
124.926

 43, 82.431,
124.926

 33, 82.431,
124.926

 23, 82.431,
124.926

 13, 82.431,
124.926

 3, 82.431, 124.926

■ 0, 82.431, 124.926

■ 73, 82.431,
124.926

■ 73, 82.431,
124.926

■ 73, 87.003,
125.735

■ 74, 75.809,
124.591

■ 72, 89.111,
126.439

■ 74, 67.526,
124.617

■ 75, 58.063,
124.881

■ 76, 47.827,
125.284

■ 77, 37.115,
125.755

■ 78, 26.134,
126.251

■ 79, 15.024,
126.744

■ 80, 3.884, 127.232

■ 81, 7.217, 307.632

Harmonies

Complementary

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



73, 82.431, 124.926



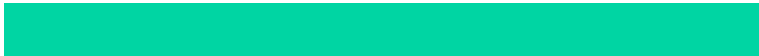
35, 95.243, 311.374

Rectangle

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



73, 82.431, 124.926



73, 82.431, 174.926



73, 82.431, 304.926



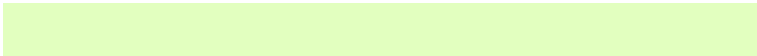
73, 82.431, 354.926

Sweetspot

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



73, 82.431, 124.927



97, 34.003, 126.158



55, 62.547, 59.991



51, 23.172, 125.980



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, 82.431, 124.927



90, 107.697, 126.682



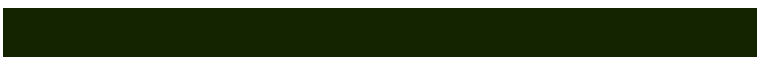
70, 93.241, 136.388



41, 6.308, 126.943



60, 76.790, 126.201



12, 22.473, 129.560

Inverse Universe

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



35, 95.243, 311.374



39, 126.368, 310.637



47, 91.246, 326.328



39, 6.402, 307.795



24, 90.191, 310.959



2, 22.188, 304.222

Previews

White Background



This preview shows how the CIELCh color 73, 82.431, 124.926 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, 82.431, 124.926 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, 82.431, 124.926

Background



This preview shows how black text looks on a background with the CIELCh color 73, 82.431, 124.926.

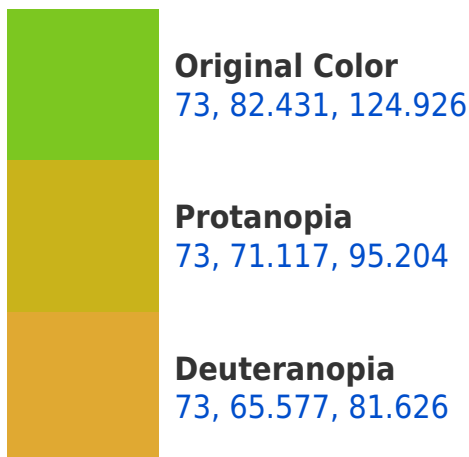


This preview shows how white text looks on a background with the CIELCh color 73, 82.431, 124.926.

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
73, 15.491, 230.456

Trichromacy



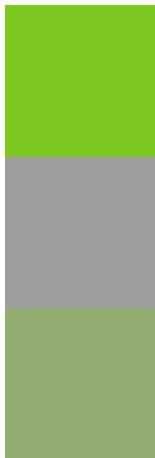
Original Color
73, 82.431, 124.926

Protanomaly
72, 72.520, 107.764

Deuteranomaly
72, 66.191, 100.557

Tritanomaly
72, 34.215, 143.547

Monochromacy



Original Color
73, 82.431, 124.926

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 34.771, 125.349

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 82.431, 124.926 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(124, 199, 33)` looks like.

```
.text, #text, p{  
    color:rgb(124, 199, 33)  
}
```

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(124, 199, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 199, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 82.431, 124.926 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(124, 199, 33) }
```

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

```
.border{ border-color:rgb(124, 199, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 199, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 199, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 199, 33);  
box-shadow:4px 4px 4px 4px rgb(124, 199,  
33) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 82.431, 124.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 199, 33) }
```

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

```
.background{ background-color: rgb(124,  
199, 33) }
```

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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