

Converting Colors

CIE LCh(73, 74.673, 128.020)

Have a look what the booklet for
CIELCh(73, 74.673, 128.020)
contains.

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Color

CIELCh(73, 74.673, 128.020)

Conversions

Conversions Part 1

Format	Color
Hex	7BC73D
RGB	123, 199, 61
RGB Percent	48%, 78%, 24%
CMY	0.5193, 0.2212, 0.7624
CMYK	0.38, 0.00, 0.69, 0.22
HSL	93°, 55%, 51%
HSV	93°, 69%, 78%
XYZ	29.2644, 45.1644, 11.5302
YIQ	160.5440, -0.9980, -59.0300

Conversions

Conversions Part 2

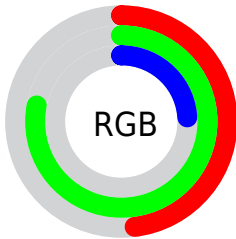
Format	Color
RYB	61, 199, 137
Decimal	8111933
CIELab	73.00, -45.99, 58.83
CIElCh	73, 74.673, 128.020
Yxy	45.1644, 0.3404, 0.5254
Android (android.graphics.Color)	4286302013 (0xFF7BC73D)
YUV	160.5440, -49.0752, -32.9261
Hunter-Lab	67.2044, -39.8794, 36.8708

Details

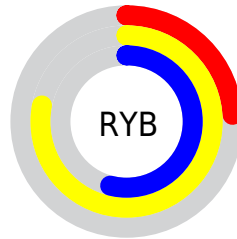
The CIELCh color **73, 74.673, 128.020** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **42, 81.602, 313.839**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 73.928, 127.950**, and **53, 71.982, 129.034** is the 20% darker color. If you saturate the color by 10%, you get **72, 82.302, 128.146**, and if you desaturate by 10%, it is **74, 65.565, 128.196**.

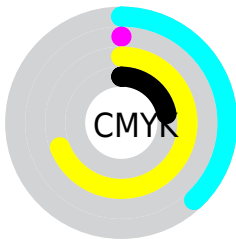
Distribution



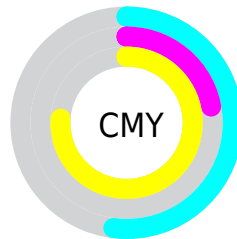
- Red (48%)
- Green (78%)
- Blue (24%)



- Red (24%)
- Yellow (78%)
- Blue (54%)



- Cyan (38%)
- Magenta (0%)
- Yellow (69%)
- Black (22%)





- Cyan (52%)
- Magenta (22%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 74.673, 128.020 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, 74.673, 128.020 by changing the saturation by 10% instead.


 73, 74.673,
128.020


 73, 74.673,
128.020


 100, 74.673,
128.020


 63, 74.673,
128.020


 93, 74.673,
128.020

 53, 74.673,
128.020

 43, 74.673,
128.020

 33, 74.673,
128.020

 23, 74.673,
128.020

 13, 74.673,
128.020

 3, 74.673, 128.020

■ 0, 74.673, 128.020

■ 73, 74.673,
128.020

■ 73, 74.673,
128.020

■ 72, 82.302,
128.146

■ 74, 65.565,
128.196

■ 72, 87.987,
128.696

■ 75, 55.443,
128.553

■ 71, 91.728,
129.656

■ 75, 44.677,
129.001

■ 71, 91.901,
129.703

■ 76, 33.532,
129.484

■ 78, 22.194,
129.967

■ 79, 10.792,
130.431

■ 80, 0.583, 310.613

■ 82, 11.866,
311.220

■ 83, 23.011,
311.574

Harmonies

Complementary

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



73, 74.673, 128.020



42, 81.602, 313.839

Rectangle

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



73, 74.673, 128.020



73, 74.673, 178.020



73, 74.673, 308.020



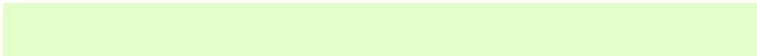
73, 74.673, 358.020

Sweetspot

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



73, 74.674, 128.021



97, 29.288, 129.880



62, 51.632, 71.221



51, 19.819, 129.745



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, 74.674, 128.021



90, 102.923, 128.347



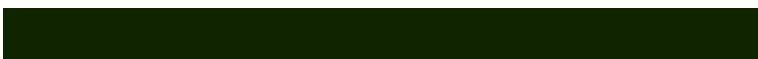
71, 81.596, 139.296



41, 6.454, 130.436



60, 79.257, 129.475



12, 23.300, 133.232

Inverse Universe

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



42, 81.602, 313.839



48, 114.006, 313.839



51, 79.704, 329.400



39, 6.533, 311.211



26, 88.311, 313.219



2, 22.595, 307.818

Previews

White Background



This preview shows how the CIELCh color 73, 74.673, 128.020 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, 74.673, 128.020 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, 74.673, 128.020

Background



This preview shows how black text looks on a background with the CIELCh color 73, 74.673, 128.020.

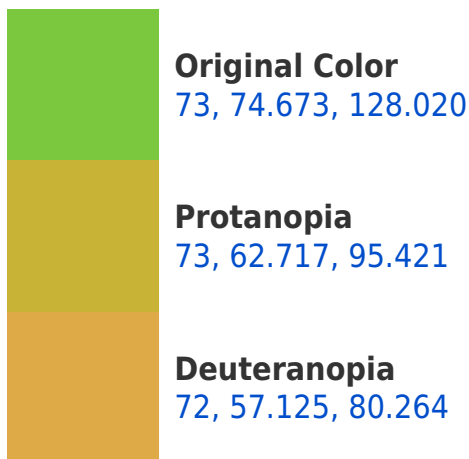


This preview shows how white text looks on a background with the CIELCh color 73, 74.673, 128.020.

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, 16.018, 229.258

Trichromacy



Original Color
73, 74.673, 128.020

Protanomaly
72, 64.172, 109.466

Deuteranomaly
72, 57.604, 101.838

Tritanomaly
72, 30.136, 149.828

Monochromacy



Original Color
73, 74.673, 128.020

Achromatopsia
66, 0.008, 296.813

Achromatomaly
68, 29.419, 129.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 74.673, 128.020 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, 199, 61)` looks like.

```
.text, #text, p{  
    color:rgb(123, 199, 61)  
}
```

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, 199, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 199, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 74.673, 128.020 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, 199, 61) }
```

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

```
.border{ border-color:rgb(123, 199, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 199, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 199, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 199, 61);  
box-shadow:4px 4px 4px 4px rgb(123, 199,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 74.673, 128.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 199, 61) }
```

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

```
.background{ background-color: rgb(123,  
199, 61) }
```

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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