

Converting Colors

CIELCh(73, 82.592, 124.820)

Have a look what the booklet for
CIELCh(73, 82.592, 124.820)
contains.

CIELCh(73, 82.645, 124.854)	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(73, 82.645, 124.854)

Conversions

Conversions Part 1

Format	Color
Hex	7CC720
RGB	124, 199, 32
RGB Percent	49%, 78%, 13%
CMY	0.5143, 0.2201, 0.8752
CMYK	0.38, 0.00, 0.84, 0.22
HSL	87°, 72%, 45%
HSV	87°, 84%, 78%
XYZ	28.9440, 45.1644, 8.5454
YIQ	157.5370, 8.9070, -67.8370

Conversions

Conversions Part 2

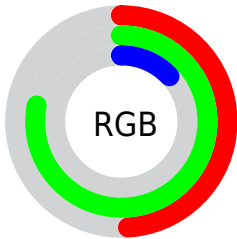
Format	Color
RYB	32, 199, 107
Decimal	8177440
CIELab	73.00, -47.23, 67.82
CIELCh	73, 82.645, 124.854
Yxy	45.1644, 0.3502, 0.5464
Android (android.graphics.Color)	4286367520 (0xFF7CC720)
YUV	157.5370, -61.8897, -29.4119
Hunter-Lab	67.2044, -40.7305, 39.5041

Details

The CIELCh color **73, 82.645, 124.854** 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, 95.671, 311.309**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 82.077, 124.671**, and **53, 72.135, 129.241** is the 20% darker color. If you saturate the color by 10%, you get **73, 87.102, 125.689**, and if you desaturate by 10%, it is **74, 76.126, 124.498**.

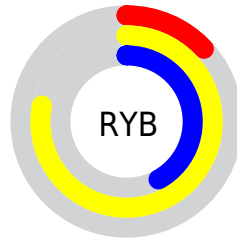
Distribution



Red (49%)

Green (78%)

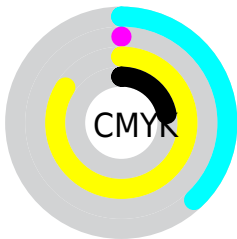
Blue (13%)



Red (13%)

Yellow (78%)

Blue (42%)

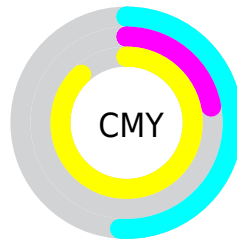


Cyan (38%)

Magenta (0%)

Yellow (84%)

Black (22%)



Cyan (51%)


Magenta (22%)


Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 82.645, 124.854 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, 82.645, 124.854 by changing the saturation by 10% instead.


 73, 82.645,
124.854


 73, 82.645,
124.854


 100, 82.645,
124.854


 63, 82.645,
124.854


 93, 82.645,
124.854

 53, 82.645,
124.854

 43, 82.645,
124.854

 33, 82.645,
124.854

 23, 82.645,
124.854

 13, 82.645,
124.854

 3, 82.645, 124.854

■ 0, 82.645, 124.854

■ 73, 82.645,
124.854

■ 73, 82.645,
124.854

■ 73, 87.102,
125.689

■ 74, 76.126,
124.498

■ 72, 89.034,
126.339

■ 74, 67.923,
124.508

■ 75, 58.516,
124.763

■ 76, 48.318,
125.161

■ 77, 37.632,
125.631

■ 78, 26.668,
126.127

■ 79, 15.569,
126.621

■ 80, 4.435, 127.109

■ 81, 6.664, 307.514

Harmonies

Complementary

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



73, 82.645, 124.854



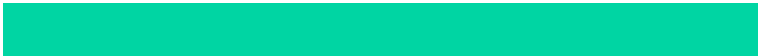
35, 95.671, 311.309

Rectangle

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



73, 82.645, 124.854



73, 82.645, 174.854



73, 82.645, 304.854



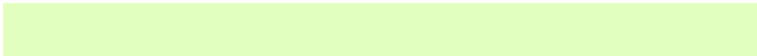
73, 82.645, 354.854

Sweetspot

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



73, 82.645, 124.855



97, 33.982, 126.058



54, 63.218, 58.520



51, 23.157, 125.881



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, 82.645, 124.855



90, 107.599, 126.582



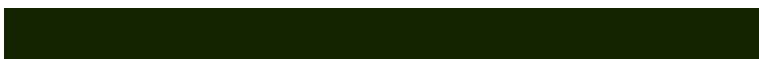
70, 93.295, 136.186



41, 6.304, 126.845



60, 76.722, 126.101



12, 22.451, 129.451

Inverse Universe

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



35, 95.671, 311.309



39, 126.441, 310.582



47, 91.504, 325.754



39, 6.399, 307.700



24, 90.242, 310.904



2, 22.179, 304.130

Previews

White Background



This preview shows how the CIELCh color 73, 82.645, 124.854 looks on a white background.

Color Contrast Check

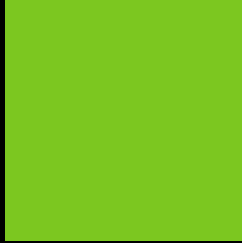
Large Text (above 18pt) WCAG AA × Fail

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, 82.645, 124.854 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, 82.645, 124.854

Background



This preview shows how black text looks on a background with the CIELCh color 73, 82.645, 124.854.

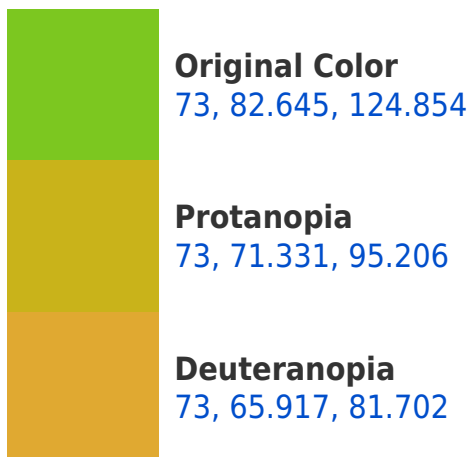


This preview shows how white text looks on a background with the CIELCh color 73, 82.645, 124.854.

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, 82.645, 124.854

Protanomaly
72, 72.740, 107.731

Deuteranomaly
72, 66.506, 100.540

Tritanomaly
72, 34.215, 143.547

Monochromacy



Original Color
73, 82.645, 124.854

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 34.804, 125.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 82.645, 124.854 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, 32)` looks like.

```
.text, #text, p{  
    color:rgb(124, 199, 32)  
}
```

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, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 199, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 82.645, 124.854 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, 32) }
```

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

```
.border{ border-color:rgb(124, 199, 32) }
```

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, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 199, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 199, 32);  
box-shadow:4px 4px 4px 4px rgb(124, 199,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 82.645, 124.854 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, 32) }
```

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

```
.background{ background-color: rgb(124,  
199, 32) }
```

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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