

Converting Colors

CIELCh(74, 68.278, 123.637)

Have a look what the booklet for
CIELCh(74, 68.278, 123.637)
contains.

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Color

CIELCh(74, 68.278, 123.637)

Conversions

Conversions Part 1

Format	Color
Hex	8FC645
RGB	143, 198, 69
RGB Percent	56%, 78%, 27%
CMY	0.4389, 0.2232, 0.7291
CMYK	0.28, 0.00, 0.65, 0.22
HSL	86°, 53%, 52%
HSV	86°, 65%, 78%
XYZ	32.6318, 46.7039, 12.9385
YIQ	166.8490, 8.6290, -51.7790

Conversions

Conversions Part 2

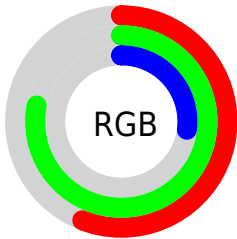
Format	Color
R_{YB}	69, 198, 124
Decimal	9422405
CIE _{Lab}	74.00, -37.82, 56.85
CIE _{LCh}	74, 68.278, 123.637
Yxy	46.7039, 0.3536, 0.5061
Android (android.graphics.Color)	4287612485 (0xFF8FC645)
YUV	166.8490, -48.2396, -20.9156
Hunter-Lab	68.3403, -34.3635, 36.6132

Details

The CIELCh color **74, 68.278, 123.637** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **42, 76.955, 310.239**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 68.239, 123.590**, and **54, 68.380, 123.628** is the 20% darker color. If you saturate the color by 10%, you get **73, 76.221, 123.662**, and if you desaturate by 10%, it is **75, 59.085, 123.873**.

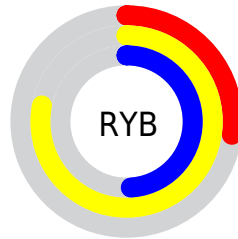
Distribution



Red (56%)

Green (78%)

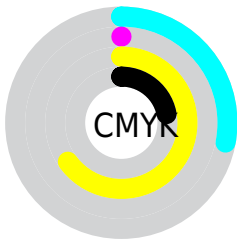
Blue (27%)



Red (27%)

Yellow (78%)

Blue (49%)

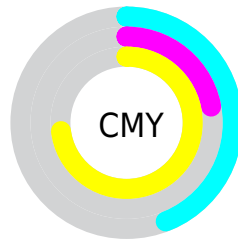


Cyan (28%)

Magenta (0%)

Yellow (65%)

Black (22%)



Cyan (44%)


Magenta (22%)

Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 68.278, 123.637 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 74, 68.278, 123.637 by changing the saturation by 10% instead.

 74, 68.278,
123.637

 74, 68.278,
123.637

 100, 68.278,
123.637

 64, 68.278,
123.637

 94, 68.278,
123.637

 54, 68.278,
123.637

 44, 68.278,
123.637

 34, 68.278,
123.637

 24, 68.278,
123.637

 14, 68.278,
123.637

 4, 68.278, 123.637

■ 0, 68.278, 123.637

■ 74, 68.278,
123.637

■ 74, 68.278,
123.637

■ 73, 76.221,
123.662

■ 75, 59.085,
123.873

■ 73, 82.434,
124.066

■ 75, 49.061,
124.262

■ 72, 86.570,
124.952

■ 76, 38.519,
124.731

■ 72, 88.100,
125.476

■ 77, 27.678,
125.233

■ 78, 16.686,
125.738

■ 79, 5.643, 126.234

■ 80, 5.378, 306.659

■ 82, 16.326,
307.097

■ 83, 27.166,
307.491

Harmonies

Complementary

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



74, 68.278, 123.637



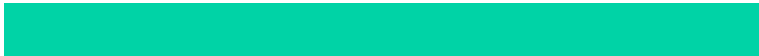
42, 76.955, 310.239

Rectangle

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



74, 68.278, 123.637



74, 68.278, 173.637



74, 68.278, 303.637



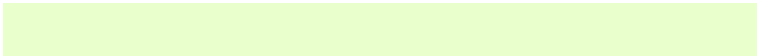
74, 68.278, 353.637

Sweetspot

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



74, 68.279, 123.638



97, 27.076, 125.477



59, 47.778, 59.317



52, 18.463, 125.333



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 68.279, 123.638



92, 95.506, 123.772



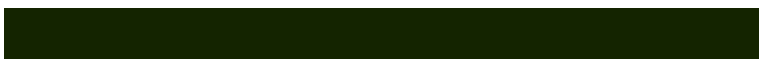
71, 78.259, 137.301



42, 6.275, 126.023



60, 76.152, 125.244



12, 22.270, 128.523

Inverse Universe

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



42, 76.955, 310.239



47, 110.722, 310.749



51, 78.022, 324.974



39, 6.373, 306.903



23, 90.668, 310.457



2, 22.107, 303.373

Previews

White Background



This preview shows how the CIELCh color 74, 68.278, 123.637 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 74, 68.278, 123.637 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 74, 68.278, 123.637

Background



This preview shows how black text looks on a background with the CIELCh color 74, 68.278, 123.637.

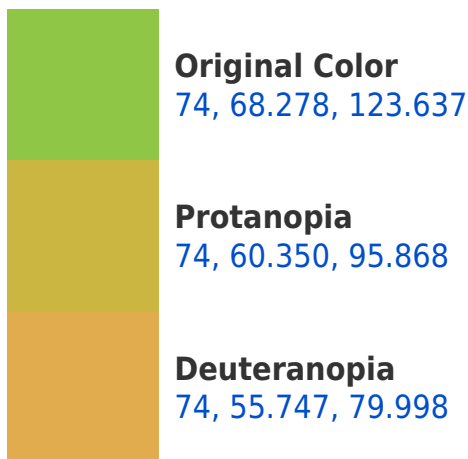


This preview shows how white text looks on a background with the CIELCh color 74, 68.278, 123.637.

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

74, 11.684, 243.197

Trichromacy



Original Color
74, 68.278, 123.637

Protanomaly
74, 61.258, 107.156

Deuteranomaly
73, 55.354, 98.354

Tritanomaly
74, 24.737, 141.851

Monochromacy



Original Color
74, 68.278, 123.637

Achromatopsia
68, 0.008, 296.813

Achromatomaly
70, 26.651, 125.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 68.278, 123.637 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(143, 198, 69)` looks like.

```
.text, #text, p{  
    color:rgb(143, 198, 69)  
}
```

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(143, 198, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 198, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 68.278, 123.637 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(143, 198, 69) }
```

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

```
.border{ border-color:rgb(143, 198, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 198, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 198, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 198, 69);  
box-shadow:4px 4px 4px 4px rgb(143, 198,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 68.278, 123.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 198, 69) }
```

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

```
.background{ background-color: rgb(143,  
198, 69) }
```

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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