

Converting Colors

CIELCh(74, 83.259, 120.749)

Have a look what the booklet for
CIELCh(74, 83.259, 120.749)
contains.

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Color

CIELCh(74, 83.276, 120.769)

Conversions

Conversions Part 1

Format	Color
Hex	8BC812
RGB	139, 200, 18
RGB Percent	55%, 78%, 7%
CMY	0.4559, 0.2167, 0.9275
CMYK	0.31, 0.00, 0.91, 0.22
HSL	80°, 83%, 43%
HSV	80°, 91%, 78%
XYZ	31.3132, 46.7039, 7.9575
YIQ	161.0130, 22.0660, -69.5340

Conversions

Conversions Part 2

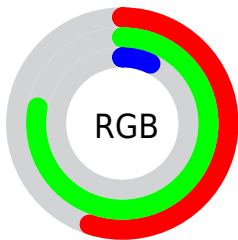
Format	Color
RYB	18, 200, 79
Decimal	9160722
CIELab	74.00, -42.60, 71.55
CIELCh	74, 83.276, 120.769
Yxy	46.7039, 0.3642, 0.5432
Android (android.graphics.Color)	4287350802 (0xFF8BC812)
YUV	161.0130, -70.5054, -19.3054
Hunter-Lab	68.3403, -37.8077, 40.9345

Details

The CIELCh color **74, 83.276, 120.769** 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 **30, 102.529, 308.973**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 82.299, 120.467**, and **54, 70.363, 125.548** is the 20% darker color. If you saturate the color by 10%, you get **74, 86.070, 121.683**, and if you desaturate by 10%, it is **74, 78.495, 120.167**.

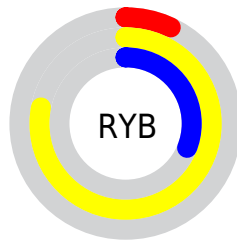
Distribution



Red (55%)

Green (78%)

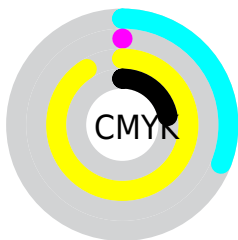
Blue (7%)



Red (7%)

Yellow (78%)

Blue (31%)

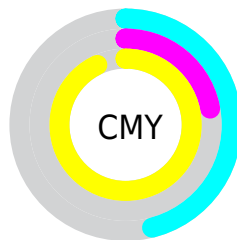


Cyan (31%)

Magenta (0%)

Yellow (91%)

Black (22%)



Cyan (46%)


Magenta (22%)


Yellow (93%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 83.276, 120.769 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, 83.276, 120.769 by changing the saturation by 10% instead.


 74, 83.276,
120.769

 74, 83.276,
120.769

 100, 83.276,
120.769


 64, 83.276,
120.769

 94, 83.276,
120.769

 54, 83.276,
120.769

 44, 83.276,
120.769

 34, 83.276,
120.769

 24, 83.276,
120.769

 14, 83.276,
120.769

 4, 83.276, 120.769

■ 0, 83.276, 120.769

■ 74, 83.276,
120.769

■ 74, 83.276,
120.769

■ 74, 86.070,
121.683

■ 74, 78.495,
120.167

■ 75, 71.723,
119.992

■ 76, 63.402,
120.133

■ 76, 54.004,
120.483

■ 77, 43.909,
120.954

■ 78, 33.385,
121.487

■ 79, 22.617,
122.044

■ 79, 11.727,
122.601

■ 80, 0.799, 123.209

Harmonies

Complementary

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



74, 83.276, 120.769



30, 102.529, 308.973

Rectangle

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



74, 83.276, 120.769



74, 83.276, 170.769



74, 83.276, 300.769



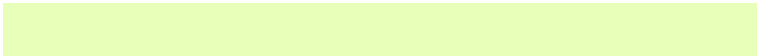
74, 83.276, 350.769

Sweetspot

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



74, 83.276, 120.770



97, 35.813, 121.673



49, 71.309, 50.192



51, 24.089, 121.481



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, 83.276, 120.770



92, 103.608, 121.904



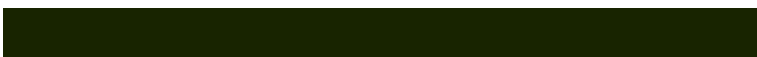
71, 95.361, 134.872



42, 6.170, 122.676



61, 73.964, 121.459



12, 21.597, 124.531

Inverse Universe

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



30, 102.529, 308.973



36, 129.324, 308.644



43, 95.081, 322.205



39, 6.280, 303.686



22, 92.285, 308.925



2, 21.880, 300.612

Previews

White Background



This preview shows how the CIELCh color 74, 83.276, 120.769 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, 83.276, 120.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

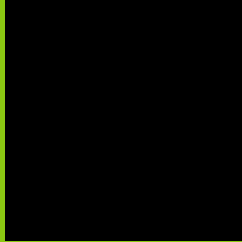
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 83.276, 120.769

Background



This preview shows how black text looks on a background with the CIELCh color 74, 83.276, 120.769.



This preview shows how white text looks on a background with the CIELCh color 74, 83.276, 120.769.

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

74, 83.416, 120.728

Protanopia

74, 74.940, 95.344

Deuteranopia

74, 69.649, 82.256



Tritanopia

74, 12.400, 239.967

Trichromacy



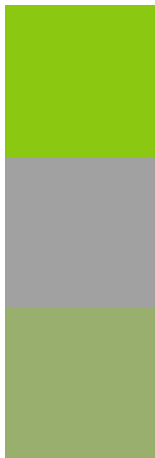
Original Color
74, 83.416, 120.728

Protanomaly
73, 75.890, 105.640

Deuteranomaly
73, 70.255, 98.218

Tritanomaly
73, 33.847, 134.783

Monochromacy



Original Color
74, 83.416, 120.728

Achromatopsia
66, 0.008, 296.813

Achromatomaly
68, 36.586, 120.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 83.276, 120.769 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(139, 200, 18)` looks like.

```
.text, #text, p{  
    color:rgb(139, 200, 18)  
}
```

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(139, 200, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 200, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 83.276, 120.769 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(139, 200, 18) }
```

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

```
.border{ border-color:rgb(139, 200, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 200, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 200, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 200, 18);  
box-shadow:4px 4px 4px 4px rgb(139, 200,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 83.276, 120.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 200, 18) }
```

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

```
.background{ background-color: rgb(139,  
200, 18) }
```

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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