

Converting Colors

CIELCh(73, 99.905, 115.992)

Have a look what the booklet for
CIELCh(73, 99.905, 115.992)
contains.

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Color

CIELCh(73, 84.187, 119.917)

Conversions

Conversions Part 1

Format	Color
Hex	8AC500
RGB	138, 197, 0
RGB Percent	54%, 77%, 0%
CMY	0.4601, 0.2287, 1.0000
CMYK	0.30, 0.00, 1.00, 0.23
HSL	78°, 100%, 39%
HSV	78°, 100%, 77%
XYZ	30.3185, 45.1644, 7.0945
YIQ	156.9010, 28.0730, -73.7750

Conversions

Conversions Part 2

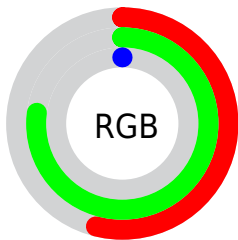
Format	Color
RYB	0, 197, 59
Decimal	9094400
CIELab	73.00, -41.99, 72.97
CIELCh	73, 84.187, 119.917
Yxy	45.1644, 0.3672, 0.5469
Android (android.graphics.Color)	4287284480 (0xFF8AC500)
YUV	156.9010, -77.3522, -16.5762
Hunter-Lab	67.2044, -37.0797, 40.7841

Details

The CIELCh color **73, 84.187, 119.917** 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 **27, 106.859, 308.288**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 84.375, 119.939**, and **53, 69.337, 125.601** is the 20% darker color. If you saturate the color by 10%, you get **73, 84.102, 119.942**, and if you desaturate by 10%, it is **73, 81.173, 119.039**.

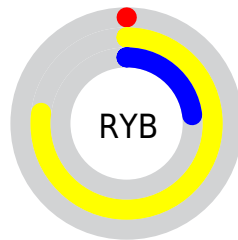
Distribution



Red (54%)

Green (77%)

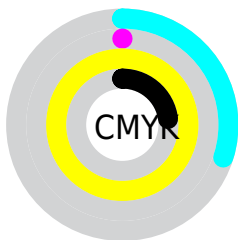
Blue (0%)



Red (0%)

Yellow (77%)

Blue (23%)

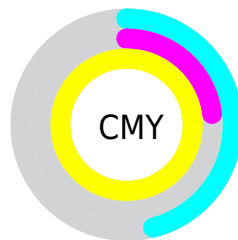


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (46%)


Magenta (23%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 84.187, 119.917 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, 84.187, 119.917 by changing the saturation by 10% instead.


 73, 84.187,
119.917


 73, 84.187,
119.917


 100, 84.187,
119.917

 63, 84.187,
119.917


 93, 84.187,
119.917

 53, 84.187,
119.917

 43, 84.187,
119.917

 33, 84.187,
119.917

 23, 84.187,
119.917

 13, 84.187,
119.917

 3, 84.187, 119.917

■ 0, 84.187, 119.917

■ 73, 84.187,
119.917

■ 73, 84.187,
119.917

■ 73, 84.102,
119.942

■ 73, 81.173,
119.039

■ 74, 76.404,
118.527

■ 74, 69.689,
118.421

■ 75, 61.475,
118.614

■ 75, 52.225,
119.003

■ 76, 42.305,
119.507

■ 77, 31.974,
120.070

■ 78, 21.406,
120.656

■ 78, 10.718,
121.241

Harmonies

Complementary

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



73, 84.187, 119.917



27, 106.859, 308.288

Rectangle

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



73, 84.187, 119.917



73, 84.187, 169.917



73, 84.187, 299.917



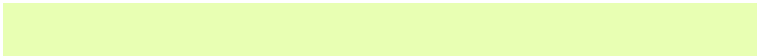
73, 84.187, 349.917

Sweetspot

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



73, 84.102, 119.942



97, 39.465, 120.043



46, 77.889, 47.283



51, 26.848, 119.798



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, 84.102, 119.942



92, 102.400, 120.166



70, 96.775, 134.693



42, 6.133, 121.277



62, 73.136, 119.746



12, 21.350, 122.766

Inverse Universe

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



27, 106.859, 308.288



36, 130.160, 308.151



40, 96.875, 320.674



39, 6.248, 302.353



21, 92.889, 308.412



2, 21.811, 299.600

Previews

White Background



This preview shows how the CIELCh color 73, 84.187, 119.917 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, 84.187, 119.917 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, 84.187, 119.917

Background



This preview shows how black text looks on a background with the CIELCh color 73, 84.187, 119.917.

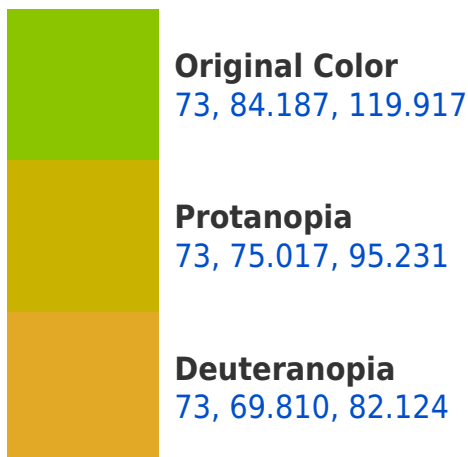


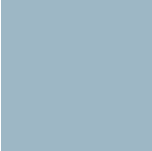
This preview shows how white text looks on a background with the CIELCh color 73, 84.187, 119.917.

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, 11.609, 239.974

Trichromacy



Original Color
73, 84.187, 119.917

Protanomaly
72, 76.238, 105.191

Deuteranomaly
72, 71.275, 98.089

Tritanomaly
72, 36.919, 131.058

Monochromacy



Original Color
73, 84.187, 119.917

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 39.109, 119.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 84.187, 119.917 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(138, 197, 0)` looks like.

```
.text, #text, p{  
    color:rgb(138, 197, 0)  
}
```

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(138, 197, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 197, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 84.187, 119.917 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(138, 197, 0) }
```

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

```
.border{ border-color:rgb(138, 197, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 197, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 197, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 197, 0);  
box-shadow:4px 4px 4px 4px rgb(138, 197,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 84.187, 119.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 197, 0) }
```

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

```
.background{ background-color: rgb(138,  
197, 0) }
```

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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