

Converting Colors

CIELCh(84, 92.658, 119.911)

Have a look what the booklet for
CIELCh(84, 92.658, 119.911)
contains.

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Color

CIELCh(84, 92.573, 119.853)

Conversions

Conversions Part 1

Format	Color
Hex	A3E512
RGB	163, 229, 18
RGB Percent	64%, 90%, 7%
CMY	0.3596, 0.1008, 0.9303
CMYK	0.29, 0.00, 0.92, 0.10
HSL	79°, 86%, 48%
HSV	79°, 92%, 90%
XYZ	43.3765, 64.0658, 10.6414
YIQ	185.2120, 28.3950, -79.6130

Conversions

Conversions Part 2

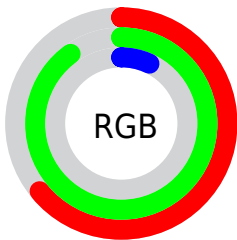
Format	Color
RYB	18, 229, 84
Decimal	10741010
CIELab	84.00, -46.08, 80.29
CIELCh	84, 92.573, 119.853
Yxy	64.0658, 0.3673, 0.5425
Android (android.graphics.Color)	4288931090 (0xFFA3E512)
YUV	185.2120, -82.4355, -19.4799
Hunter-Lab	80.0411, -43.3378, 48.1462

Details

The CIELCh color **84, 92.573, 119.853** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **34, 115.712, 308.545**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 77.950, 113.900**, and **64, 78.832, 124.220** is the 20% darker color. If you saturate the color by 10%, you get **84, 94.800, 120.658**, and if you desaturate by 10%, it is **84, 87.866, 119.174**.

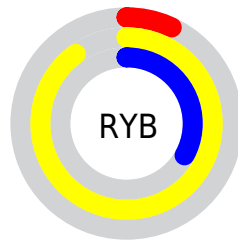
Distribution



Red (64%)

Green (90%)

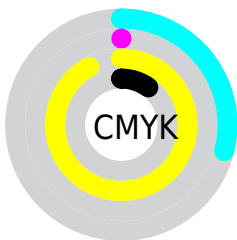
Blue (7%)



Red (7%)

Yellow (90%)

Blue (33%)

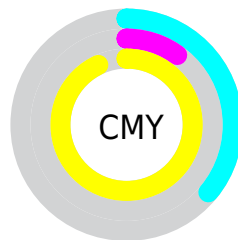


Cyan (29%)

Magenta (0%)

Yellow (92%)

Black (10%)



Cyan (36%)

Magenta (10%)

Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 92.573, 119.853 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 84, 92.573, 119.853 by changing the saturation by 10% instead.


 84, 92.573,
119.853

 84, 92.573,
119.853


 100, 92.573,
119.853


 74, 92.573,
119.853

 64, 92.573,
119.853

 54, 92.573,
119.853

 44, 92.573,
119.853

 34, 92.573,
119.853

 24, 92.573,
119.853

 14, 92.573,

119.853

■ 4, 92.573, 119.853

■ 0, 92.573, 119.853

■ 84, 92.573,
119.853

■ 84, 92.573,
119.853

■ 84, 94.800,
120.658

■ 84, 87.866,
119.174

■ 85, 80.830,
118.939

■ 86, 71.921,
119.047

■ 86, 61.688,
119.383

■ 87, 50.589,

119.857

■ 88, 38.955,
120.405

■ 89, 27.008,
120.984

■ 90, 14.899,
121.566

■ 91, 2.728, 122.149

Harmonies

Complementary

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



84, 92.573, 119.853



34, 115.712, 308.545

Rectangle

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



84, 92.573, 119.853



84, 92.573, 169.853



84, 92.573, 299.853



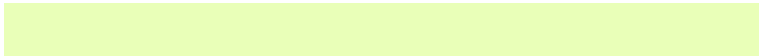
84, 92.573, 349.853

Sweetspot

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



84, 92.573, 119.855



97, 36.954, 120.640



55, 82.284, 47.936



51, 25.446, 120.391



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 92.573, 119.855



92, 102.787, 120.745



80, 106.133, 134.471



48, 6.913, 121.727



67, 78.480, 120.416



19, 30.584, 119.952

Inverse Universe

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



34, 115.712, 308.545



36, 129.894, 308.305



48, 106.651, 320.983



44, 7.043, 302.799



24, 99.127, 308.508



3, 34.532, 304.591

Previews

White Background



This preview shows how the CIELCh color 84, 92.573, 119.853 looks on a white background.

Color Contrast Check

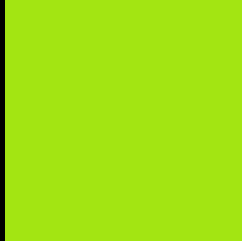
Large Text (above 18pt) WCAG AA × Fail

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 84, 92.573, 119.853 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 84, 92.573, 119.853

Background



This preview shows how black text looks on a background with the CIELCh color 84, 92.573, 119.853.

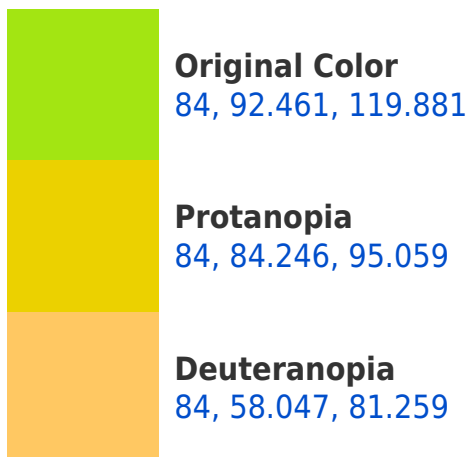


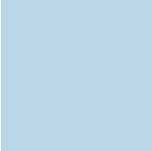
This preview shows how white text looks on a background with the CIELCh color 84, 92.573, 119.853.

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](#).

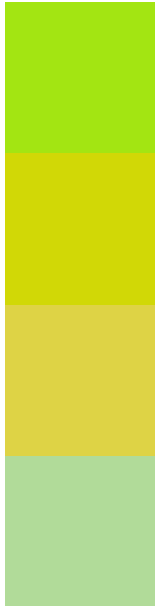
Dichromacy





Tritanopia
84, 12.825, 243.519

Trichromacy



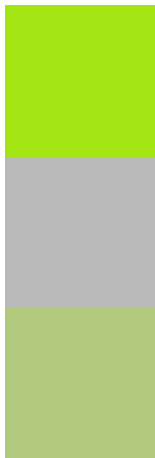
Original Color
84, 92.461, 119.881

Protanomaly
83, 85.052, 104.931

Deuteranomaly
83, 69.226, 100.177

Tritanomaly
83, 37.987, 132.294

Monochromacy



Original Color
84, 92.461, 119.881

Achromatopsia
75, 0.009, 296.813

Achromatomaly
78, 41.389, 120.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 92.573, 119.853 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(163, 229, 18)` looks like.

```
.text, #text, p{  
    color:rgb(163, 229, 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(163, 229, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 229, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 92.573, 119.853 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(163, 229, 18) }
```

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

```
.border{ border-color:rgb(163, 229, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 229, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 229, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 229, 18);  
box-shadow:4px 4px 4px 4px rgb(163, 229,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 92.573, 119.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 229, 18) }
```

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

```
.background{ background-color: rgb(163,  
229, 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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