

Converting Colors

CIELCh(79, 89.161, 121.250)

Have a look what the booklet for
CIELCh(79, 89.161, 121.250)
contains.

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Color

CIELCh(79, 89.063, 121.170)

Conversions

Conversions Part 1

Format	Color
Hex	93D70F
RGB	147, 215, 15
RGB Percent	58%, 84%, 6%
CMY	0.4229, 0.1563, 0.9396
CMYK	0.32, 0.00, 0.93, 0.16
HSL	80°, 87%, 45%
HSV	80°, 93%, 84%
XYZ	36.4864, 54.9284, 9.1453
YIQ	171.8680, 23.6720, -76.6160

Conversions

Conversions Part 2

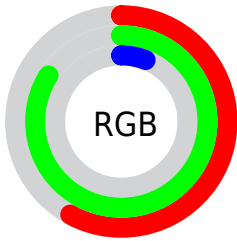
Format	Color
RYB	15, 215, 83
Decimal	9688847
CIELab	79.00, -46.10, 76.21
CIELCh	79, 89.063, 121.170
Yxy	54.9284, 0.3628, 0.5462
Android (android.graphics.Color)	4287878927 (0xFF93D70F)
YUV	171.8680, -77.3359, -21.8092
Hunter-Lab	74.1137, -41.8227, 44.5634

Details

The CIELCh color **79, 89.063, 121.170** 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 **32, 109.917, 308.998**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 80.940, 118.256**, and **59, 75.463, 125.879** is the 20% darker color. If you saturate the color by 10%, you get **79, 91.154, 121.930**, and if you desaturate by 10%, it is **79, 84.545, 120.439**.

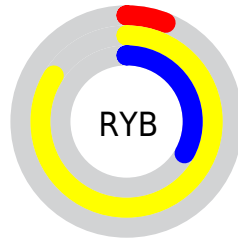
Distribution



Red (58%)

Green (84%)

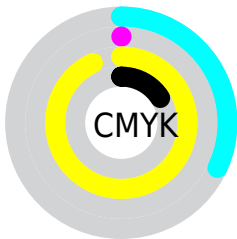
Blue (6%)



Red (6%)

Yellow (84%)

Blue (33%)

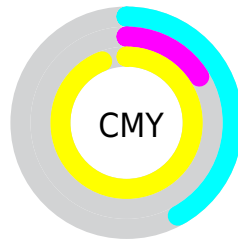


Cyan (32%)

Magenta (0%)

Yellow (93%)

Black (16%)



Cyan (42%)


Magenta (16%)


Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 89.063, 121.170 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 79, 89.063, 121.170 by changing the saturation by 10% instead.


 79, 89.063,
121.170

 79, 89.063,
121.170


 100, 89.063,
121.170


 69, 89.063,
121.170


 99, 89.063,
121.170

 59, 89.063,
121.170

 49, 89.063,
121.170

 39, 89.063,
121.170

 29, 89.063,
121.170

 19, 89.063,
121.170

 9, 89.063, 121.170

■ 0, 89.063, 121.170

■ 79, 89.063,
121.170

■ 79, 89.063,
121.170

■ 79, 91.154,
121.930

■ 79, 84.545,
120.439

■ 80, 77.824,
120.162

■ 81, 69.324,
120.235

■ 81, 59.561,
120.543

■ 82, 48.970,
120.991

■ 83, 37.865,
121.515

■ 84, 26.463,
122.069

■ 85, 14.906,
122.626

■ 86, 3.293, 123.182

Harmonies

Complementary

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



79, 89.063, 121.170



32, 109.917, 308.998

Rectangle

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



79, 89.063, 121.170



79, 89.063, 171.170



79, 89.063, 301.170



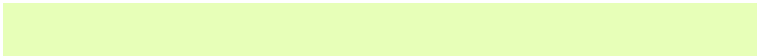
79, 89.063, 351.170

Sweetspot

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



79, 89.063, 121.171



97, 37.149, 121.766



52, 77.258, 49.847



51, 25.583, 121.526



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 89.063, 121.171



92, 103.737, 122.079



76, 101.840, 134.919



45, 6.563, 122.815



64, 76.629, 121.686



16, 26.398, 122.480

Inverse Universe

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



32, 109.917, 308.998



36, 129.233, 308.699



46, 101.365, 322.119



42, 6.680, 303.829



23, 95.432, 308.947



2, 28.198, 302.785

Previews

White Background



This preview shows how the CIELCh color 79, 89.063, 121.170 looks on a white background.

Color Contrast Check

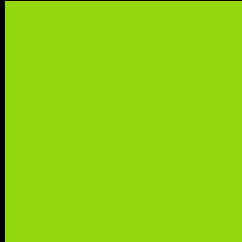
Large Text (above 18pt) WCAG AA × Fail

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 79, 89.063, 121.170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

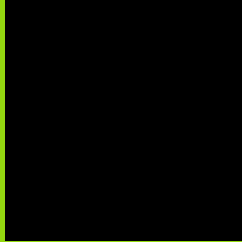
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 89.063, 121.170

Background



This preview shows how black text looks on a background with the CIELCh color 79, 89.063, 121.170.



This preview shows how white text looks on a background with the CIELCh color 79, 89.063, 121.170.

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

79, 89.063, 121.170

Deuteranopia

79, 74.058, 82.325

Tritanopia

79, 13.575, 238.031

Trichromacy

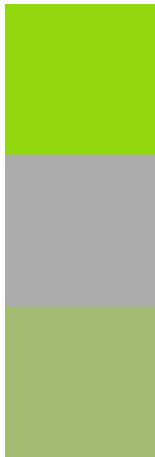


Original Color
79, 89.063, 121.170

Deuteranomaly
78, 74.958, 98.873

Tritanomaly
78, 37.714, 135.180

Monochromacy



Original Color
79, 89.063, 121.170

Achromatopsia
70, 0.009, 296.813

Achromatomaly
73, 39.960, 121.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 89.063, 121.170 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(147, 215, 15)` looks like.

```
.text, #text, p{  
    color:rgb(147, 215, 15)  
}
```

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(147, 215, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 215, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 89.063, 121.170 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(147, 215, 15) }
```

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

```
.border{ border-color:rgb(147, 215, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 215, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 215, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 215, 15);  
box-shadow:4px 4px 4px 4px rgb(147, 215,  
15) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 89.063, 121.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 215, 15) }
```

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

```
.background{ background-color: rgb(147,  
215, 15) }
```

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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