

Converting Colors

CIELCh(76, 88.381, 121.288)

Have a look what the booklet for
CIELCh(76, 88.381, 121.288)
contains.

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Color

CIELCh(76, 88.188, 121.343)

Conversions

Conversions Part 1

Format	Color
Hex	8BCF00
RGB	139, 207, 0
RGB Percent	55%, 81%, 0%
CMY	0.4565, 0.1898, 1.0000
CMYK	0.33, 0.00, 1.00, 0.19
HSL	80°, 100%, 41%
HSV	80°, 100%, 81%
XYZ	32.7915, 49.8872, 7.8675
YIQ	163.0700, 25.9190, -78.7930

Conversions

Conversions Part 2

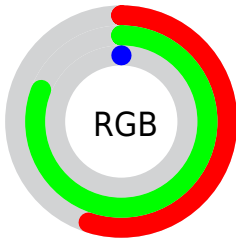
Format	Color
RYB	0, 207, 68
Decimal	9162496
CIELab	76.00, -45.87, 75.32
CIELCh	76, 88.188, 121.343
Yxy	49.8872, 0.3622, 0.5510
Android (android.graphics.Color)	4287352576 (0xFF8BCF00)
YUV	163.0700, -80.3935, -21.1094
Hunter-Lab	70.6309, -40.7328, 42.8374

Details

The CIELCh color **76, 88.188, 121.343** 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 **29, 110.340, 308.654**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **94, 83.583, 119.865**, and **56, 73.343, 126.895** is the 20% darker color. If you saturate the color by 10%, you get **76, 88.083, 121.374**, and if you desaturate by 10%, it is **76, 85.016, 120.394**.

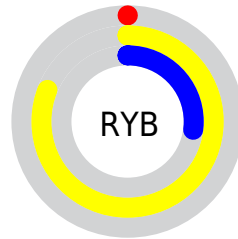
Distribution



Red (55%)

Green (81%)

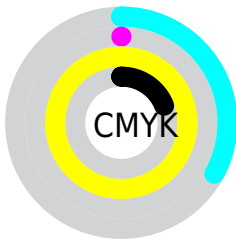
Blue (0%)



Red (0%)

Yellow (81%)

Blue (27%)

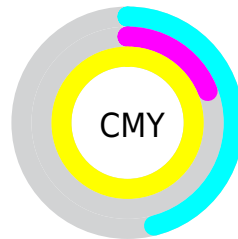


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (46%)

Magenta (19%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 88.188, 121.343 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 76, 88.188, 121.343 by changing the saturation by 10% instead.


 76, 88.188,
121.343

 76, 88.188,
121.343


 100, 88.188,
121.343

 66, 88.188,
121.343


 96, 88.188,
121.343

 56, 88.188,
121.343

 46, 88.188,
121.343

 36, 88.188,
121.343

 26, 88.188,
121.343

 16, 88.188,
121.343

 6, 88.188, 121.343

■ 0, 88.188, 121.343

■ 76, 88.188,
121.343

■ 76, 88.188,
121.343

■ 76, 88.083,
121.374

■ 76, 85.016,
120.394

■ 77, 80.007,
119.825

■ 77, 72.967,
119.678

■ 78, 64.357,
119.841

■ 79, 54.665,
120.206

■ 79, 44.273,
120.688

■ 80, 33.454,
121.231

■ 81, 22.391,
121.795

■ 82, 11.208,
122.358

Harmonies

Complementary

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



76, 88.188, 121.343



29, 110.340, 308.654

Rectangle

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



76, 88.188, 121.343



76, 88.188, 171.343



76, 88.188, 301.343



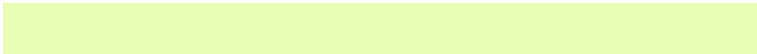
76, 88.188, 351.343

Sweetspot

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



76, 88.083, 121.374



97, 39.675, 121.210



48, 80.180, 47.993



51, 26.994, 120.975



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 88.083, 121.374



92, 103.358, 121.560



73, 100.687, 134.908



44, 6.421, 122.390



63, 75.505, 121.155



14, 24.764, 122.566

Inverse Universe

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



29, 110.340, 308.654



36, 129.498, 308.539



43, 100.275, 321.245



41, 6.538, 303.420



23, 94.560, 308.792



2, 26.049, 301.668

Previews

White Background



This preview shows how the CIELCh color 76, 88.188, 121.343 looks on a white background.

Color Contrast Check

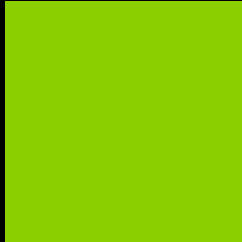
Large Text (above 18pt) WCAG AA × Fail

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 76, 88.188, 121.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

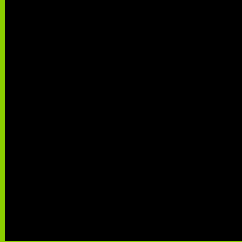
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 88.188, 121.343

Background



This preview shows how black text looks on a background with the CIELCh color 76, 88.188, 121.343.



This preview shows how white text looks on a background with the CIELCh color 76, 88.188, 121.343.

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

76, 88.188, 121.343

Protanopia

76, 77.500, 95.202

Deuteranopia

76, 71.943, 82.229



Tritanopia
76, 13.607, 235.354

Trichromacy



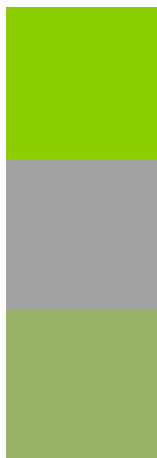
Original Color
76, 88.188, 121.343

Protanomaly
75, 79.055, 106.042

Deuteranomaly
75, 73.966, 99.001

Tritanomaly
75, 38.765, 133.910

Monochromacy



Original Color
76, 88.188, 121.343

Achromatopsia
67, 0.008, 296.813

Achromatomaly
70, 41.239, 120.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 88.188, 121.343 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, 207, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 207, 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(139, 207, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 207, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 88.188, 121.343 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, 207, 0) }
```

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

```
.border{ border-color:rgb(139, 207, 0) }
```

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

Here you see how a box with a 4 pixel rgb(139, 207, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 207, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 207, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 207,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 88.188, 121.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 207, 0) }
```

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

```
.background{ background-color: rgb(139,  
207, 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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