

Converting Colors

CIELCh(74, 81.737, 114.732)

Have a look what the booklet for
CIELCh(74, 81.737, 114.732)
contains.

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Color

CIELCh(74, 81.579, 114.694)

Conversions

Conversions Part 1

Format	Color
Hex	9DC400
RGB	157, 196, 0
RGB Percent	62%, 77%, 0%
CMY	0.3839, 0.2310, 0.9988
CMYK	0.20, 0.00, 1.00, 0.23
HSL	72°, 100%, 39%
HSV	72°, 100%, 77%
XYZ	33.6887, 46.7039, 7.2475
YIQ	161.9950, 39.6720, -69.2240

Conversions

Conversions Part 2

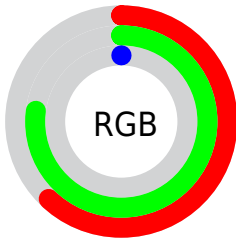
Format	Color
RYB	0, 196, 39
Decimal	10339328
CIELab	74.00, -34.08, 74.12
CIELCh	74, 81.579, 114.694
Yxy	46.7039, 0.3844, 0.5329
Android (android.graphics.Color)	4288529408 (0xFF9DC400)
YUV	161.9950, -79.8635, -4.3806
Hunter-Lab	68.3403, -31.6029, 41.5505

Details

The CIELCh color **74, 81.579, 114.694** 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 **25, 108.134, 307.218**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **94, 81.584, 114.663**, and **54, 65.897, 119.373** is the 20% darker color. If you saturate the color by 10%, you get **74, 81.616, 114.706**, and if you desaturate by 10%, it is **74, 78.987, 114.061**.

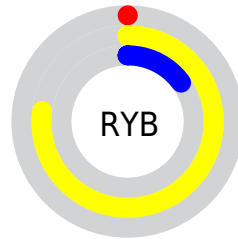
Distribution



Red (62%)

Green (77%)

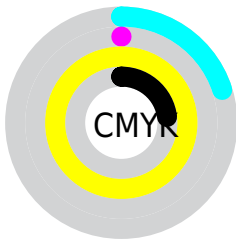
Blue (0%)



Red (0%)

Yellow (77%)

Blue (15%)

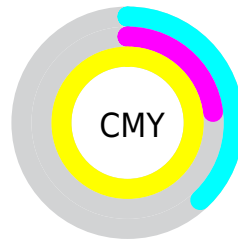


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (38%)


Magenta (23%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 81.579, 114.694 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, 81.579, 114.694 by changing the saturation by 10% instead.


 74, 81.579,
114.694

 74, 81.579,
114.694


 100, 81.579,
114.694


 64, 81.579,
114.694


 94, 81.579,
114.694

 54, 81.579,
114.694

 44, 81.579,
114.694

 34, 81.579,
114.694

 24, 81.579,
114.694

 14, 81.579,
114.694

 4, 81.579, 114.694

■ 0, 81.579, 114.694

■ 74, 81.579,
114.694

■ 74, 81.579,
114.694

■ 74, 81.616,
114.706

■ 74, 78.987,
114.061

■ 75, 74.511,
113.770

■ 75, 68.064,
113.832

■ 75, 60.097,
114.156

■ 76, 51.079,
114.656

■ 76, 41.379,
115.263

■ 77, 31.257,
115.927

■ 78, 20.887,
116.614

■ 78, 10.383,
117.302

Harmonies

Complementary

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



74, 81.579, 114.694



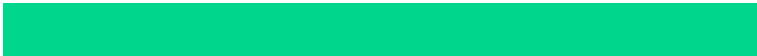
25, 108.134, 307.218

Rectangle

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



74, 81.579, 114.694



74, 81.579, 164.694



74, 81.579, 294.694



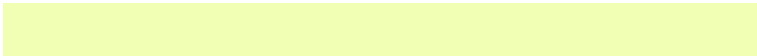
74, 81.579, 344.694

Sweetspot

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



74, 81.579, 114.696



97, 38.875, 115.884



43, 81.988, 42.899



52, 26.436, 115.596



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, 81.579, 114.696



94, 99.528, 114.878



70, 94.334, 132.881



41, 5.924, 117.335



62, 70.352, 114.547



11, 19.127, 118.506

Inverse Universe

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



25, 108.134, 307.218



34, 132.067, 307.123



36, 98.550, 316.812



38, 6.046, 298.626



20, 93.209, 307.324



1, 19.608, 296.504

Previews

White Background



This preview shows how the CIELCh color 74, 81.579, 114.694 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 CIE LCh color 74, 81.579, 114.694 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, 81.579, 114.694

Background



This preview shows how black text looks on a background with the CIELCh color 74, 81.579, 114.694.



This preview shows how white text looks on a background with the CIELCh color 74, 81.579, 114.694.

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, 81.579, 114.694

Protanopia

74, 75.993, 95.009

Deuteranopia

74, 71.499, 82.240



Tritanopia
74, 8.551, 271.531

Trichromacy



Original Color
74, 81.579, 114.694

Protanomaly
74, 76.759, 102.519

Deuteranomaly
73, 72.774, 95.295

Tritanomaly
73, 33.887, 120.155

Monochromacy



Original Color
74, 81.579, 114.694

Achromatopsia
67, 0.008, 296.813

Achromatomaly
69, 38.412, 115.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 81.579, 114.694 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(157, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(157, 196, 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(157, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 196, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 81.579, 114.694 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(157, 196, 0) }
```

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

```
.border{ border-color:rgb(157, 196, 0) }
```

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

Here you see how a box with a 4 pixel rgb(157, 196, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(157, 196,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 81.579, 114.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 196, 0) }
```

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

```
.background{ background-color: rgb(157,  
196, 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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