

Converting Colors

CIELCh(74, 79.651, 111.334)

Have a look what the booklet for
CIELCh(74, 79.651, 111.334)
contains.

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Color

CIELCh(74, 79.743, 111.333)

Conversions

Conversions Part 1

Format	Color
Hex	A7C202
RGB	167, 194, 2
RGB Percent	65%, 76%, 1%
CMY	0.3458, 0.2399, 0.9941
CMYK	0.14, 0.00, 0.99, 0.24
HSL	68°, 98%, 38%
HSV	68°, 99%, 76%
XYZ	35.1582, 46.7039, 7.2046
YIQ	164.0390, 45.5400, -65.4360

Conversions

Conversions Part 2

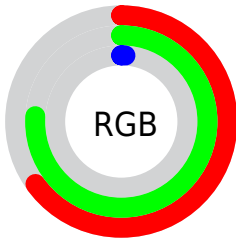
Format	Color
R_{YB}	2, 194, 29
Decimal	10994178
CIE Lab	74.00, -29.01, 74.28
CIE LCh	74, 79.743, 111.333
Yxy	46.7039, 0.3947, 0.5244
Android (android.graphics.Color)	4289184258 (0xFFA7C202)
YUV	164.0390, -79.8852, 2.5968
Hunter-Lab	68.3403, -27.7647, 41.5877

Details

The CIELCh color **74, 79.743, 111.333** 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 **24, 107.545, 306.769**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **94, 79.604, 111.181**, and **54, 63.806, 115.227** is the 20% darker color. If you saturate the color by 10%, you get **74, 79.914, 111.370**, and if you desaturate by 10%, it is **74, 77.250, 110.925**.

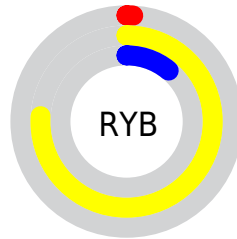
Distribution



Red (65%)

Green (76%)

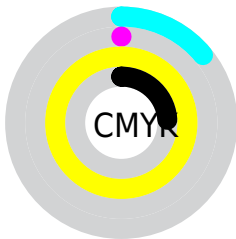
Blue (1%)



Red (1%)

Yellow (76%)

Blue (11%)

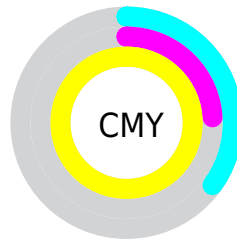


Cyan (14%)

Magenta (0%)

Yellow (99%)

Black (24%)



Cyan (35%)


Magenta (24%)


Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 79.743, 111.333 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, 79.743, 111.333 by changing the saturation by 10% instead.


 74, 79.743,
111.333

 74, 79.743,
111.333


 100, 79.743,
111.333


 64, 79.743,
111.333


 94, 79.743,
111.333

 54, 79.743,
111.333

 44, 79.743,
111.333

 34, 79.743,
111.333

 24, 79.743,
111.333

 14, 79.743,
111.333

 4, 79.743, 111.333

■ 0, 79.743, 111.333

■ 74, 79.743,
111.333

■ 74, 79.743,
111.333

■ 74, 79.914,
111.370

■ 74, 77.250,
110.925

■ 74, 72.817,
110.825

■ 75, 66.438,
111.031

■ 75, 58.569,
111.466

■ 76, 49.673,
112.056

■ 76, 40.113,
112.742

■ 77, 30.142,
113.480

■ 77, 19.929,
114.239

■ 78, 9.583, 114.999

Harmonies

Complementary

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



74, 79.743, 111.333



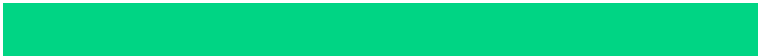
24, 107.545, 306.769

Rectangle

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



74, 79.743, 111.333



74, 79.743, 161.333



74, 79.743, 291.333



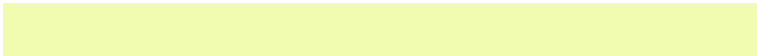
74, 79.743, 341.333

Sweetspot

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



74, 79.743, 111.335



97, 38.320, 113.385



42, 82.278, 41.591



52, 26.268, 113.065



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, 79.743, 111.335



94, 97.526, 111.500



69, 92.126, 131.766



41, 5.891, 114.987



62, 69.511, 111.257



12, 18.886, 115.169

Inverse Universe

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



24, 107.545, 306.769



33, 131.848, 306.734



34, 98.433, 315.358



38, 6.018, 296.430



19, 93.825, 306.884



1, 19.552, 294.929

Previews

White Background



This preview shows how the CIELCh color 74, 79.743, 111.333 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, 79.743, 111.333 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, 79.743, 111.333

Background



This preview shows how black text looks on a background with the CIELCh color 74, 79.743, 111.333.



This preview shows how white text looks on a background with the CIELCh color 74, 79.743, 111.333.

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, 79.743, 111.333

Protanopia

74, 75.993, 95.009

Deuteranopia

74, 72.007, 82.334



Tritanopia
74, 7.638, 296.341

Trichromacy



Original Color
74, 79.743, 111.333

Protanomaly
74, 76.371, 101.186

Deuteranomaly
73, 72.757, 93.845

Tritanomaly
73, 32.682, 113.513

Monochromacy



Original Color
74, 79.743, 111.333

Achromatopsia
67, 0.008, 296.813

Achromatomaly
69, 37.634, 112.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 79.743, 111.333 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(167, 194, 2)` looks like.

```
.text, #text, p{  
    color:rgb(167, 194, 2)  
}
```

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(167, 194, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 194, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 79.743, 111.333 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(167, 194, 2) }
```

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

```
.border{ border-color:rgb(167, 194, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 194, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 194, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 194, 2);  
box-shadow:4px 4px 4px 4px rgb(167, 194,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 79.743, 111.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 194, 2) }
```

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

```
.background{ background-color: rgb(167,  
194, 2) }
```

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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