

Converting Colors

CIELCh(74, 80.908, 113.311)

Have a look what the booklet for
CIELCh(74, 80.908, 113.311)
contains.

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Color

CIELCh(74, 80.816, 113.316)

Conversions

Conversions Part 1

Format	Color
Hex	A1C301
RGB	161, 195, 1
RGB Percent	63%, 76%, 0%
CMY	0.3679, 0.2346, 0.9980
CMYK	0.17, 0.00, 1.00, 0.23
HSL	70°, 99%, 38%
HSV	70°, 100%, 77%
XYZ	34.2904, 46.7039, 7.2214
YIQ	162.7180, 42.0100, -67.5420

Conversions

Conversions Part 2

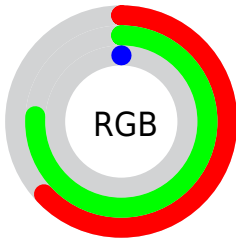
Format	Color
RYB	1, 195, 35
Decimal	10601217
CIELab	74.00, -31.99, 74.22
CIELCh	74, 80.816, 113.316
Yxy	46.7039, 0.3887, 0.5294
Android (android.graphics.Color)	4288791297 (0xFFA1C301)
YUV	162.7180, -79.7270, -1.5067
Hunter-Lab	68.3403, -30.0313, 41.5731

Details

The CIELCh color **74, 80.816, 113.316** 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, 108.005, 307.023**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **94, 80.841, 113.346**, and **54, 64.939, 117.723** is the 20% darker color. If you saturate the color by 10%, you get **74, 80.875, 113.333**, and if you desaturate by 10%, it is **74, 78.288, 112.770**.

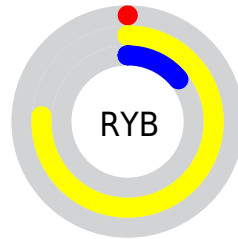
Distribution



Red (63%)

Green (76%)

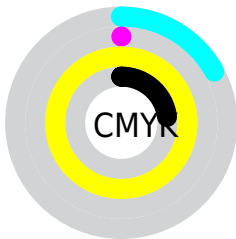
Blue (0%)



Red (0%)

Yellow (76%)

Blue (14%)

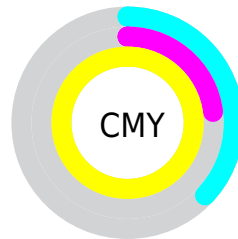


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (37%)


Magenta (23%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 80.816, 113.316 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, 80.816, 113.316 by changing the saturation by 10% instead.


 74, 80.816,
113.316


 74, 80.816,
113.316


 100, 80.816,
113.316


 64, 80.816,
113.316


 94, 80.816,
113.316

 54, 80.816,
113.316

 44, 80.816,
113.316

 34, 80.816,
113.316

 24, 80.816,
113.316

 14, 80.816,
113.316

 4, 80.816, 113.316

■ 0, 80.816, 113.316

■ 74, 80.816,
113.316

■ 74, 80.816,
113.316

■ 74, 80.875,
113.333

■ 74, 78.288,
112.770

■ 75, 73.868,
112.551

■ 75, 67.481,
112.666

■ 75, 59.579,
113.032

■ 76, 50.628,
113.566

■ 76, 40.998,
114.204

■ 77, 30.946,
114.897

■ 77, 20.647,
115.613

■ 78, 10.212,
116.330

Harmonies

Complementary

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



74, 80.816, 113.316



25, 108.005, 307.023

Rectangle

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



74, 80.816, 113.316



74, 80.816, 163.316



74, 80.816, 293.316



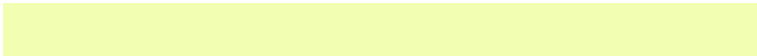
74, 80.816, 343.316

Sweetspot

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



74, 80.816, 113.318



97, 38.764, 114.845



42, 82.137, 42.446



52, 26.360, 114.544



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, 80.816, 113.318



94, 98.960, 113.490



70, 93.586, 132.537



41, 5.909, 116.357



62, 69.971, 113.192



12, 19.018, 117.129

Inverse Universe

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



25, 108.005, 307.023



33, 132.430, 306.942



35, 98.481, 316.310



38, 6.033, 297.709



19, 93.486, 307.123



1, 19.583, 295.846

Previews

White Background



This preview shows how the CIELCh color 74, 80.816, 113.316 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, 80.816, 113.316 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, 80.816, 113.316

Background



This preview shows how black text looks on a background with the CIELCh color 74, 80.816, 113.316.



This preview shows how white text looks on a background with the CIELCh color 74, 80.816, 113.316.

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

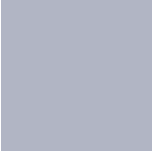
74, 80.714, 113.337

Protanopia

74, 75.993, 95.009

Deuteranopia

74, 71.756, 82.288



Tritanopia
74, 8.228, 280.946

Trichromacy



Original Color
74, 80.714, 113.337

Protanomaly
74, 76.761, 102.187

Deuteranomaly
73, 72.597, 94.549

Tritanomaly
73, 33.050, 117.695

Monochromacy



Original Color
74, 80.714, 113.337

Achromatopsia
67, 0.008, 296.813

Achromatomaly
69, 38.314, 114.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 80.816, 113.316 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(161, 195, 1)` looks like.

```
.text, #text, p{  
    color:rgb(161, 195, 1)  
}
```

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(161, 195, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 195, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 80.816, 113.316 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(161, 195, 1) }
```

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

```
.border{ border-color:rgb(161, 195, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 195, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 195, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 195, 1);  
box-shadow:4px 4px 4px 4px rgb(161, 195,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 80.816, 113.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 195, 1) }
```

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

```
.background{ background-color: rgb(161,  
195, 1) }
```

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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