

Converting Colors

CIELCh(74, 41.507, 113.378)

Have a look what the booklet for
CIELCh(74, 41.507, 113.378)
contains.

CIELCh(74, 41.867, 113.629)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 41.867, 113.629)

Conversions

Conversions Part 1

Format	Color
Hex	B0BD6E
RGB	176, 189, 110
RGB Percent	69%, 74%, 43%
CMY	0.3101, 0.2591, 0.5689
CMYK	0.07, 0.00, 0.42, 0.26
HSL	70°, 37%, 59%
HSV	70°, 42%, 74%
XYZ	38.8756, 46.7039, 21.6956
YIQ	176.1070, 17.6110, -27.3250

Conversions

Conversions Part 2

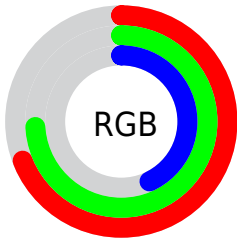
Format	Color
RYB	110, 189, 123
Decimal	11582830
CIELab	74.00, -16.78, 38.36
CIELCh	74, 41.867, 113.629
Yxy	46.7039, 0.3624, 0.4354
Android (android.graphics.Color)	4289772910 (0xFFB0BD6E)
YUV	176.1070, -32.5908, -0.0938
Hunter-Lab	68.3403, -18.0551, 29.0157

Details

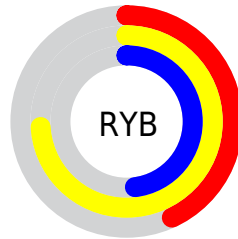
The CIELCh color **74, 41.867, 113.629** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **51, 46.351, 300.655**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 41.637, 113.381**, and **54, 42.061, 113.741** is the 20% darker color. If you saturate the color by 10%, you get **74, 51.125, 112.999**, and if you desaturate by 10%, it is **75, 32.159, 114.327**.

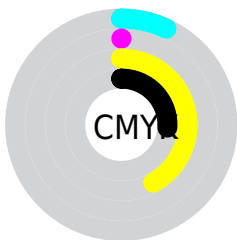
Distribution



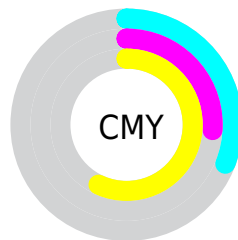
- Red (69%)
- Green (74%)
- Blue (43%)



- Red (43%)
- Yellow (74%)
- Blue (48%)



- Cyan (7%)
- Magenta (0%)
- Yellow (42%)
- Black (26%)



- Cyan (31%)
- Magenta (26%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 41.867, 113.629 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, 41.867, 113.629 by changing the saturation by 10% instead.

 74, 41.867,
113.629

 74, 41.867,
113.629

 100, 41.867,
113.629

 64, 41.867,
113.629


 94, 41.867,
113.629

 54, 41.867,
113.629

 44, 41.867,
113.629

 34, 41.867,
113.629

 24, 41.867,
113.629

 14, 41.867,
113.629

 4, 41.867, 113.629

0, 41.867, 113.629

74, 41.867,
113.629

74, 41.867,
113.629

74, 51.125,
112.999

75, 32.159,
114.327

73, 59.659,
112.478

75, 22.179,
115.052

73, 67.090,
112.137

76, 12.047,
115.781

72, 72.954,
112.057

76, 1.845, 116.497

72, 76.840,
112.315

77, 8.374, 297.193

72, 78.763,
112.744

78, 18.573,
297.857

79, 28.723,

298.488

■ 80, 35.611,
299.413

■ 80, 35.733,
301.028

Harmonies

Complementary

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



74, 41.867, 113.629



51, 46.351, 300.655

Rectangle

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



74, 41.867, 113.629



74, 41.867, 163.629



74, 41.867, 293.629



74, 41.867, 343.629

Sweetspot

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



74, 41.868, 113.631



95, 16.358, 115.680



58, 30.278, 34.998



51, 11.436, 115.519



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



74, 41.868, 113.631



93, 61.000, 113.059



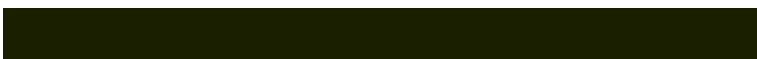
71, 46.659, 132.140



40, 5.775, 115.959



61, 69.008, 112.619



10, 17.280, 117.746

Inverse Universe

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



51, 46.351, 300.655



58, 69.493, 301.825



54, 48.454, 315.922



37, 5.897, 297.332



19, 92.486, 307.056



1, 17.518, 295.218

Previews

White Background



This preview shows how the CIELCh color 74, 41.867, 113.629 looks on a white background.

Color Contrast Check

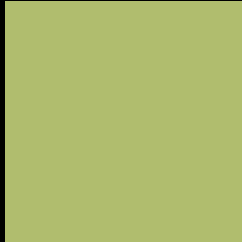
Large Text (above 18pt) WCAG AA × Fail

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 74, 41.867, 113.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

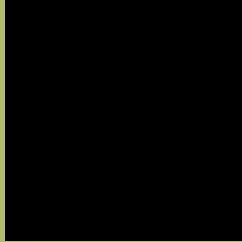
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 41.867, 113.629

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.867, 113.629.



This preview shows how white text looks on a background with the CIELCh color 74, 41.867, 113.629.

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, 41.867, 113.629

Protanopia

74, 40.424, 95.913

Deuteranopia

74, 38.460, 76.654



Tritanopia
74, 8.044, 309.373

Trichromacy



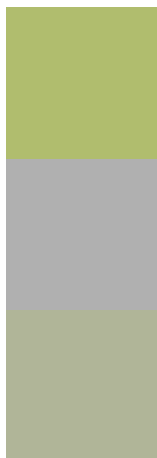
Original Color
74, 41.867, 113.629

Protanomaly
74, 40.698, 102.642

Deuteranomaly
74, 37.281, 90.676

Tritanomaly
74, 10.782, 111.188

Monochromacy



Original Color
74, 41.867, 113.629

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 15.776, 115.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.867, 113.629 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(176, 189, 110)` looks like.

```
.text, #text, p{  
    color:rgb(176, 189, 110)  
}
```

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(176, 189, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 189, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.867, 113.629 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(176, 189, 110) }
```

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

```
.border{ border-color:rgb(176, 189, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 189, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 189, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 189, 110);  
box-shadow:4px 4px 4px 4px rgb(176, 189,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.867, 113.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 189, 110) }
```

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

```
.background{ background-color: rgb(176,  
189, 110) }
```

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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