

Converting Colors

CIELCh(74, 43.200, 112.466)

Have a look what the booklet for
CIELCh(74, 43.200, 112.466)
contains.

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Color

CIELCh(74, 43.290, 112.715)

Conversions

Conversions Part 1

Format	Color
Hex	B1BD6B
RGB	177, 189, 107
RGB Percent	69%, 74%, 42%
CMY	0.3066, 0.2595, 0.5810
CMYK	0.06, 0.00, 0.43, 0.26
HSL	69°, 38%, 58%
HSV	69°, 43%, 74%
XYZ	38.8959, 46.7039, 20.8296
YIQ	176.0640, 19.1700, -28.0460

Conversions

Conversions Part 2

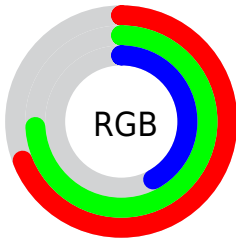
Format	Color
RYB	107, 189, 119
Decimal	11648363
CIELab	74.00, -16.72, 39.93
CIELCh	74, 43.290, 112.715
Yxy	46.7039, 0.3655, 0.4388
Android (android.graphics.Color)	4289838443 (0xFFB1BD6B)
YUV	176.0640, -34.0486, 0.8209
Hunter-Lab	68.3403, -18.0021, 29.7670

Details

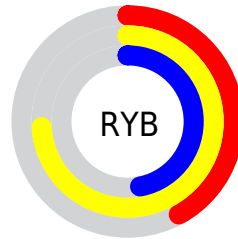
The CIELCh color **74, 43.290, 112.715** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **50, 48.231, 300.318**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 43.048, 112.552**, and **54, 43.419, 112.730** is the 20% darker color. If you saturate the color by 10%, you get **74, 52.425, 112.074**, and if you desaturate by 10%, it is **74, 33.666, 113.429**.

Distribution



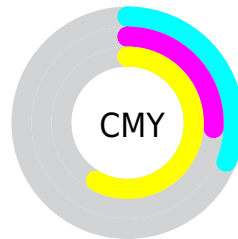
- Red (69%)
- Green (74%)
- Blue (42%)



- Red (42%)
- Yellow (74%)
- Blue (47%)



- Cyan (6%)
- Magenta (0%)
- Yellow (43%)
- Black (26%)





- Cyan (31%)
- Magenta (26%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 43.290, 112.715 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, 43.290, 112.715 by changing the saturation by 10% instead.


 74, 43.290,
112.715


 74, 43.290,
112.715


 100, 43.290,
112.715


 64, 43.290,
112.715


 94, 43.290,
112.715

 54, 43.290,
112.715

 44, 43.290,
112.715

 34, 43.290,
112.715

 24, 43.290,
112.715

 14, 43.290,
112.715

 4, 43.290, 112.715

■ 0, 43.290, 112.715

■ 74, 43.290,
112.715

■ 74, 43.290,
112.715

■ 74, 52.425,
112.074

■ 74, 33.666,
113.429

■ 73, 60.780,
111.550

■ 75, 23.744,
114.174

■ 73, 67.957,
111.211

■ 76, 13.653,
114.926

■ 73, 73.487,
111.136

■ 76, 3.479, 115.668

■ 72, 76.990,
111.395

■ 77, 6.722, 296.394

■ 72, 78.455,
111.702

■ 78, 16.909,
297.087

■ 79, 27.055,

297.746

■ 79, 35.605,
298.496

■ 80, 35.699,
299.929

Harmonies

Complementary

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



74, 43.290, 112.715



50, 48.231, 300.318

Rectangle

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



74, 43.290, 112.715



74, 43.290, 162.715



74, 43.290, 292.715



74, 43.290, 342.715

Sweetspot

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



74, 43.291, 112.717



95, 16.331, 114.942



57, 32.006, 33.707



51, 11.417, 114.776



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, 43.291, 112.717



93, 63.081, 112.109



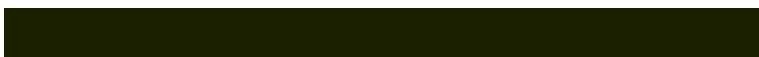
71, 48.130, 131.536



40, 5.766, 115.231



61, 68.769, 111.590



10, 17.210, 116.677

Inverse Universe

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



50, 48.231, 300.318



57, 72.506, 301.622



53, 50.181, 315.462



37, 5.889, 296.651



19, 92.663, 306.930



1, 17.504, 294.715

Previews

White Background



This preview shows how the CIELCh color 74, 43.290, 112.715 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, 43.290, 112.715 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, 43.290, 112.715

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.290, 112.715.



This preview shows how white text looks on a background with the CIELCh color 74, 43.290, 112.715.

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, 43.290, 112.715

Protanopia
74, 41.914, 96.102

Deuteranopia
74, 39.913, 76.168



Tritanopia
74, 8.170, 311.810

Trichromacy



Original Color
74, 43.290, 112.715

Protanomaly
74, 41.759, 102.015

Deuteranomaly
74, 38.903, 90.485

Tritanomaly
74, 11.308, 109.081

Monochromacy



Original Color
74, 43.290, 112.715

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 16.308, 115.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.290, 112.715 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(177, 189, 107)` looks like.

```
.text, #text, p{  
    color:rgb(177, 189, 107)  
}
```

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(177, 189, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 189, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.290, 112.715 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(177, 189, 107) }
```

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

```
.border{ border-color:rgb(177, 189, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 189, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 189, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 189, 107);  
box-shadow:4px 4px 4px 4px rgb(177, 189,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.290, 112.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 189, 107) }
```

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

```
.background{ background-color: rgb(177,  
189, 107) }
```

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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