

Converting Colors

CIELCh(74, 76.889, 102.854)

Have a look what the booklet for
CIELCh(74, 76.889, 102.854)
contains.

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Color

CIELCh(74, 76.850, 102.871)

Conversions

Conversions Part 1

Format	Color
Hex	BCBC02
RGB	188, 188, 2
RGB Percent	74%, 74%, 1%
CMY	0.2624, 0.2624, 0.9912
CMYK	0.00, 0.00, 0.99, 0.26
HSL	60°, 98%, 37%
HSV	60°, 99%, 74%
XYZ	38.7695, 46.7039, 7.0349
YIQ	166.7960, 59.7060, -57.8460

Conversions

Conversions Part 2

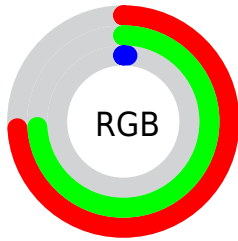
Format	Color
RYB	2, 188, 2
Decimal	12368898
CIELab	74.00, -17.12, 74.92
CIELCh	74, 76.850, 102.871
Yxy	46.7039, 0.4191, 0.5049
Android (android.graphics.Color)	4290558978 (0xFFBCBC02)
YUV	166.7960, -81.2444, 18.5959
Hunter-Lab	68.3403, -18.3323, 41.7349

Details

The CIELCh color **74, 76.850, 102.871** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **23, 105.845, 306.182**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 76.739, 102.879**, and **54, 60.480, 105.084** is the 20% darker color. If you saturate the color by 10%, you get **74, 77.089, 102.852**, and if you desaturate by 10%, it is **74, 74.506, 103.083**.

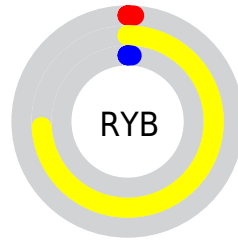
Distribution



Red (74%)

Green (74%)

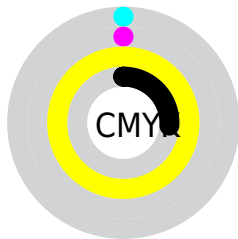
Blue (1%)



Red (1%)

Yellow (74%)

Blue (1%)

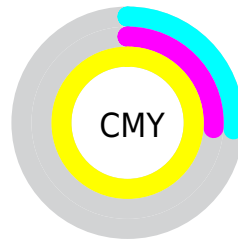


Cyan (0%)

Magenta (0%)

Yellow (99%)

Black (26%)



Cyan (26%)


Magenta (26%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 76.850, 102.871 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, 76.850, 102.871 by changing the saturation by 10% instead.


 74, 76.850,
102.871


 74, 76.850,
102.871


 100, 76.850,
102.871


 64, 76.850,
102.871


 94, 76.850,
102.871

 54, 76.850,
102.871

 44, 76.850,
102.871

 34, 76.850,
102.871

 24, 76.850,
102.871

 14, 76.850,
102.871

 4, 76.850, 102.871

■ 0, 76.850, 102.871

■ 74, 76.850,
102.871

■ 74, 76.850,
102.871

■ 74, 77.089,
102.852

■ 74, 74.506,
103.083

■ 74, 70.230,
103.470

■ 74, 64.049,
104.039

■ 74, 56.414,
104.756

■ 75, 47.779,
105.580

■ 75, 38.500,
106.477

■ 75, 28.825,
107.416

■ 75, 18.917,
108.375

■ 76, 8.884, 109.333

Harmonies

Complementary

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



74, 76.850, 102.871



23, 105.845, 306.182

Rectangle

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



74, 76.850, 102.871



74, 76.850, 152.871



74, 76.850, 282.871



74, 76.850, 332.871

Sweetspot

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



74, 76.849, 102.873



95, 37.135, 107.256



39, 81.766, 39.005



50, 25.240, 106.858



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, 76.849, 102.873



94, 93.959, 102.852



68, 85.936, 127.387



40, 5.728, 109.281



63, 67.797, 102.852



11, 16.897, 107.643

Inverse Universe

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



23, 105.845, 306.182



31, 129.741, 306.287



29, 99.100, 311.563



36, 5.854, 291.138



18, 93.616, 306.287



1, 17.439, 290.638

Previews

White Background



This preview shows how the CIELCh color 74, 76.850, 102.871 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, 76.850, 102.871 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, 76.850, 102.871

Background



This preview shows how black text looks on a background with the CIELCh color 74, 76.850, 102.871.

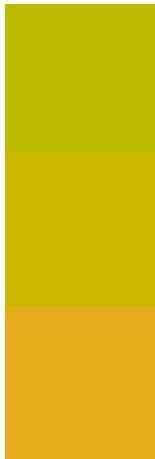


This preview shows how white text looks on a background with the CIELCh color 74, 76.850, 102.871.

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, 76.850, 102.871

Protanopia

74, 75.993, 95.009

Deuteranopia

74, 73.177, 82.543



Tritanopia
74, 11.714, 343.591

Trichromacy



Original Color
74, 76.850, 102.871

Protanomaly
74, 76.040, 97.780

Deuteranomaly
74, 73.631, 90.290

Tritanomaly
73, 32.813, 95.167

Monochromacy



Original Color
74, 76.850, 102.871

Achromatopsia
68, 0.008, 296.813

Achromatomaly
70, 36.353, 106.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 76.850, 102.871 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(188, 188, 2)` looks like.

```
.text, #text, p{  
    color:rgb(188, 188, 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(188, 188, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 188, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 76.850, 102.871 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(188, 188, 2) }
```

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

```
.border{ border-color:rgb(188, 188, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 188, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 188, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 188, 2);  
box-shadow:4px 4px 4px 4px rgb(188, 188,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 76.850, 102.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 188, 2) }
```

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

```
.background{ background-color: rgb(188,  
188, 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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