

Converting Colors

CIELCh(74, 77.401, 103.091)

Have a look what the booklet for
CIELCh(74, 77.401, 103.091)
contains.

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Color

CIELCh(74, 77.069, 103.182)

Conversions

Conversions Part 1

Format	Color
Hex	BBBC01
RGB	187, 188, 1
RGB Percent	73%, 74%, 0%
CMY	0.2654, 0.2615, 0.9965
CMYK	0.01, 0.00, 1.00, 0.26
HSL	60°, 99%, 37%
HSV	60°, 100%, 74%
XYZ	38.6266, 46.7039, 7.0036
YIQ	166.3830, 59.4310, -58.3690

Conversions

Conversions Part 2

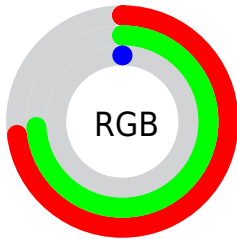
Format	Color
RYB	1, 188, 2
Decimal	12303361
CIELab	74.00, -17.58, 75.04
CIELCh	74, 77.069, 103.182
Yxy	46.7039, 0.4183, 0.5058
Android (android.graphics.Color)	4290493441 (0xFFBBBC01)
YUV	166.3830, -81.5338, 18.0811
Hunter-Lab	68.3403, -18.7057, 41.7621

Details

The CIELCh color **74, 77.069, 103.182** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **23, 106.279, 306.261**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 77.091, 103.168**, and **54, 60.506, 105.528** is the 20% darker color. If you saturate the color by 10%, you get **74, 77.163, 103.177**, and if you desaturate by 10%, it is **74, 74.805, 103.362**.

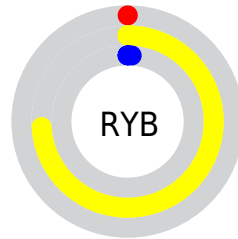
Distribution



Red (73%)

Green (74%)

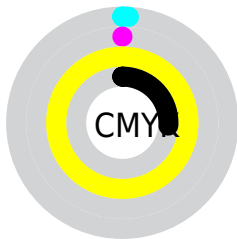
Blue (0%)



Red (0%)

Yellow (74%)

Blue (1%)

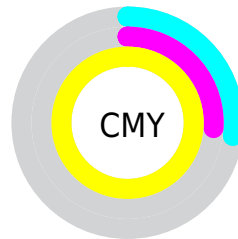


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (27%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 77.069, 103.182 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, 77.069, 103.182 by changing the saturation by 10% instead.


 74, 77.069,
103.182

 74, 77.069,
103.182


 100, 77.069,
103.182

 64, 77.069,
103.182

 94, 77.069,
103.182

 54, 77.069,
103.182

 44, 77.069,
103.182

 34, 77.069,
103.182

 24, 77.069,
103.182

 14, 77.069,
103.182

 4, 77.069, 103.182

■ 0, 77.069, 103.182

■ 74, 77.069,
103.182

■ 74, 77.069,
103.182

■ 74, 77.163,
103.177

■ 74, 74.805,
103.362

■ 74, 70.674,
103.716

■ 74, 64.611,
104.259

■ 74, 57.058,
104.955

■ 75, 48.473,
105.764

■ 75, 39.222,
106.648

■ 75, 29.560,
107.577

■ 75, 19.656,
108.527

■ 76, 9.618, 109.478

Harmonies

Complementary

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



74, 77.069, 103.182



23, 106.279, 306.261

Rectangle

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



74, 77.069, 103.182



74, 77.069, 153.182



74, 77.069, 283.182



74, 77.069, 333.182

Sweetspot

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



74, 77.068, 103.184



95, 37.136, 107.487



39, 82.978, 39.858



50, 25.240, 107.093



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, 77.068, 103.184



94, 93.964, 103.182



68, 86.720, 128.022



40, 5.728, 109.495



63, 67.800, 103.173



11, 16.900, 107.975

Inverse Universe

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



23, 106.279, 306.261



31, 129.718, 306.298



30, 99.160, 311.903



36, 5.854, 291.335



18, 93.587, 306.306



1, 17.440, 290.784

Previews

White Background



This preview shows how the CIELCh color 74, 77.069, 103.182 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, 77.069, 103.182 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, 77.069, 103.182

Background



This preview shows how black text looks on a background with the CIELCh color 74, 77.069, 103.182.



This preview shows how white text looks on a background with the CIELCh color 74, 77.069, 103.182.

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, 76.962, 103.192

Protanopia

74, 75.993, 95.009

Deuteranopia

74, 72.955, 82.504



Tritanopia
74, 12.036, 341.516

Trichromacy



Original Color
74, 76.962, 103.192

Protanomaly
74, 76.150, 97.777

Deuteranomaly
74, 73.631, 90.290

Tritanomaly
73, 32.209, 95.780

Monochromacy



Original Color
74, 76.962, 103.192

Achromatopsia
68, 0.008, 296.813

Achromatomaly
70, 36.355, 107.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 77.069, 103.182 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(187, 188, 1)` looks like.

```
.text, #text, p{  
    color:rgb(187, 188, 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(187, 188, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 188, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 77.069, 103.182 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(187, 188, 1) }
```

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

```
.border{ border-color:rgb(187, 188, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 188, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 188, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 188, 1);  
box-shadow:4px 4px 4px 4px rgb(187, 188,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 77.069, 103.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 188, 1) }
```

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

```
.background{ background-color: rgb(187,  
188, 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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