

Converting Colors

CIELCh(77, 79.675, 102.115)

Have a look what the booklet for
CIELCh(77, 79.675, 102.115)
contains.

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Color

CIELCh(77, 79.498, 102.215)

Conversions

Conversions Part 1

Format	Color
Hex	C6C400
RGB	198, 196, 0
RGB Percent	78%, 77%, 0%
CMY	0.2232, 0.2311, 0.9990
CMYK	0.00, 0.01, 1.00, 0.22
HSL	59°, 100%, 39%
HSV	59°, 100%, 78%
XYZ	43.0689, 51.5317, 7.6833
YIQ	174.2540, 64.1080, -60.5320

Conversions

Conversions Part 2

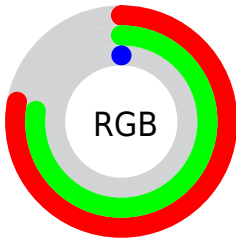
Format	Color
R _Y B	2, 198, 0
Decimal	13026304
CIE Lab	77.00, -16.82, 77.70
CIE LCh	77, 79.498, 102.215
Yxy	51.5317, 0.4211, 0.5038
Android (android.graphics.Color)	4291216384 (0xFFC6C400)
YUV	174.2540, -85.9072, 20.8252
Hunter-Lab	71.7856, -18.5309, 43.9041

Details

The CIELCh color **77, 79.498, 102.215** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **24, 110.128, 306.165**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 79.334, 103.174**, and **57, 63.037, 104.549** is the 20% darker color. If you saturate the color by 10%, you get **77, 79.522, 102.214**, and if you desaturate by 10%, it is **77, 77.309, 102.461**.

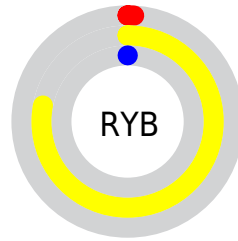
Distribution



Red (78%)

Green (77%)

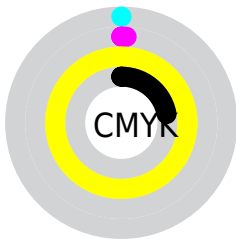
Blue (0%)



Red (1%)

Yellow (78%)

Blue (0%)

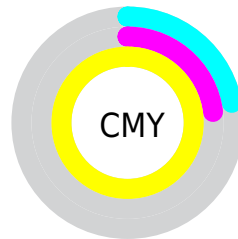


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (22%)



Cyan (22%)


Magenta (23%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 79.498, 102.215 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 77, 79.498, 102.215 by changing the saturation by 10% instead.


 77, 79.498,
102.215


 77, 79.498,
102.215


 100, 79.498,
102.215


 67, 79.498,
102.215


 97, 79.498,
102.215

 57, 79.498,
102.215

 47, 79.498,
102.215

 37, 79.498,
102.215

 27, 79.498,
102.215

 17, 79.498,
102.215

 7, 79.498, 102.215

■ 0, 79.498, 102.215

■ 77, 79.498,
102.215

■ 77, 79.498,
102.215

■ 77, 79.522,
102.214

■ 77, 77.309,
102.461

■ 77, 73.167,
102.866

■ 77, 66.982,
103.449

■ 78, 59.221,
104.178

■ 78, 50.373,
105.015

■ 78, 40.827,
105.924

■ 78, 30.854,
106.876

■ 79, 20.632,
107.847

■ 79, 10.276,
108.818

Harmonies

Complementary

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



77, 79.498, 102.215



24, 110.128, 306.165

Rectangle

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



77, 79.498, 102.215



77, 79.498, 152.215



77, 79.498, 282.215



77, 79.498, 332.215

Sweetspot

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



77, 79.497, 102.217



98, 38.023, 106.820



41, 85.652, 39.338



52, 25.855, 106.410



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 79.497, 102.217



96, 96.168, 102.205



72, 89.736, 127.548



42, 5.922, 108.865



65, 68.883, 102.223



13, 20.056, 105.454

Inverse Universe

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



24, 110.128, 306.165



32, 133.418, 306.206



31, 103.542, 311.477



38, 6.051, 290.749



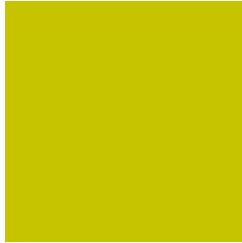
19, 95.333, 306.145



1, 21.355, 291.494

Previews

White Background



This preview shows how the CIELCh color 77, 79.498, 102.215 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 77, 79.498, 102.215 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 77, 79.498, 102.215

Background



This preview shows how black text looks on a background with the CIELCh color 77, 79.498, 102.215.



This preview shows how white text looks on a background with the CIELCh color 77, 79.498, 102.215.

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

77, 79.498, 102.215

Protanopia

77, 78.701, 95.350

Deuteranopia

77, 75.958, 82.403



Tritanopia
77, 13.146, 345.750

Trichromacy



Original Color
77, 79.498, 102.215

Protanomaly
77, 78.878, 97.997

Deuteranomaly
77, 76.467, 89.815

Tritanomaly
76, 33.915, 93.465

Monochromacy



Original Color
77, 79.498, 102.215

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 37.673, 105.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 79.498, 102.215 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(198, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(198, 196, 0)  
}
```

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(198, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 196, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 79.498, 102.215 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(198, 196, 0) }
```

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

```
.border{ border-color:rgb(198, 196, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 196, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(198, 196,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 79.498, 102.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 196, 0) }
```

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

```
.background{ background-color: rgb(198,  
196, 0) }
```

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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