

Converting Colors

CIELCh(76, 76.542, 101.154)

Have a look what the booklet for
CIELCh(76, 76.542, 101.154)
contains.

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Color

CIELCh(76, 76.443, 101.022)

Conversions

Conversions Part 1

Format	Color
Hex	C6C012
RGB	198, 192, 18
RGB Percent	78%, 75%, 7%
CMY	0.2225, 0.2461, 0.9312
CMYK	0.00, 0.03, 0.91, 0.22
HSL	58°, 84%, 42%
HSV	58°, 91%, 78%
XYZ	42.3646, 49.8872, 7.9487
YIQ	173.9580, 59.4300, -52.8420

Conversions

Conversions Part 2

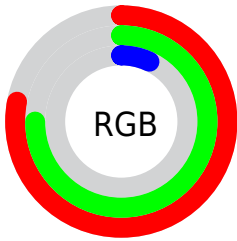
Format	Color
RYB	24, 198, 18
Decimal	13025298
CIELab	76.00, -14.61, 75.03
CIELCh	76, 76.443, 101.022
Yxy	49.8872, 0.4228, 0.4979
Android (android.graphics.Color)	4291215378 (0xFFC6C012)
YUV	173.9580, -76.8873, 21.0848
Hunter-Lab	70.6309, -16.5393, 42.7692

Details

The CIELCh color **76, 76.443, 101.022** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed yellow. A complement of this color would be **26, 104.150, 304.984**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 76.073, 102.058**, and **56, 61.708, 102.415** is the 20% darker color. If you saturate the color by 10%, you get **76, 78.228, 100.703**, and if you desaturate by 10%, it is **76, 72.628, 101.514**.

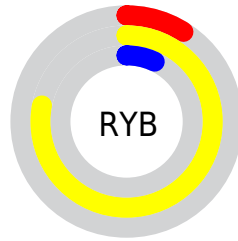
Distribution



Red (78%)

Green (75%)

Blue (7%)



Red (9%)

Yellow (78%)

Blue (7%)

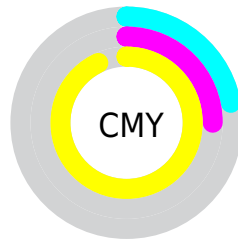


Cyan (0%)

Magenta (3%)

Yellow (91%)

Black (22%)



Cyan (22%)


Magenta (25%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 76.443, 101.022 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 76, 76.443, 101.022 by changing the saturation by 10% instead.


 76, 76.443,
101.022


 76, 76.443,
101.022


 100, 76.443,
101.022


 66, 76.443,
101.022


 96, 76.443,
101.022

 56, 76.443,
101.022

 46, 76.443,
101.022

 36, 76.443,
101.022

 26, 76.443,
101.022

 16, 76.443,
101.022

 6, 76.443, 101.022

■ 0, 76.443, 101.022

■ 76, 76.443,
101.022

■ 76, 76.443,
101.022

■ 76, 78.228,
100.703

■ 76, 72.628,
101.514

■ 77, 66.722,
102.159

■ 77, 59.201,
102.936

■ 77, 50.572,
103.811

■ 78, 41.238,
104.752

■ 78, 31.479,
105.731

■ 79, 21.477,
106.727

■ 79, 11.347,
107.720

■ 80, 1.163, 108.644

Harmonies

Complementary

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



76, 76.443, 101.022



26, 104.150, 304.984

Rectangle

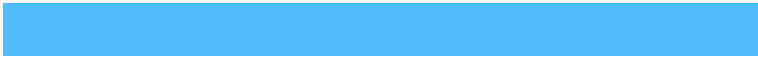
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 76.443, 101.022



76, 76.443, 151.022



76, 76.443, 281.022



76, 76.443, 331.022

Sweetspot

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



76, 76.443, 101.024



98, 33.543, 106.103



42, 80.077, 36.139



52, 22.557, 105.759



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 76.443, 101.024



95, 94.516, 100.670



72, 86.324, 126.044



42, 5.787, 107.894



63, 67.732, 100.734



13, 19.526, 104.201

Inverse Universe

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



26, 104.150, 304.984



33, 132.517, 306.020



33, 99.930, 311.552



38, 5.907, 289.812



19, 94.221, 305.822



1, 21.002, 290.902

Previews

White Background



This preview shows how the CIELCh color 76, 76.443, 101.022 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 76, 76.443, 101.022 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 76, 76.443, 101.022

Background



This preview shows how black text looks on a background with the CIELCh color 76, 76.443, 101.022.



This preview shows how white text looks on a background with the CIELCh color 76, 76.443, 101.022.

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

76, 76.298, 101.032

Protanopia

76, 76.172, 95.233

Deuteranopia

76, 74.310, 82.705



Tritanopia
76, 13.807, 347.637

Trichromacy



Original Color
76, 76.298, 101.032

Protanomaly
76, 76.263, 97.640

Deuteranomaly
76, 74.085, 89.501

Tritanomaly
75, 30.827, 90.026

Monochromacy



Original Color
76, 76.298, 101.032

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 34.124, 105.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 76.443, 101.022 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, 192, 18)` looks like.

```
.text, #text, p{  
    color:rgb(198, 192, 18)  
}
```

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, 192, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 192, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 76.443, 101.022 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, 192, 18) }
```

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

```
.border{ border-color:rgb(198, 192, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 192, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 192, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 192, 18);  
box-shadow:4px 4px 4px 4px rgb(198, 192,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 76.443, 101.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 192, 18) }
```

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

```
.background{ background-color: rgb(198,  
192, 18) }
```

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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