

Converting Colors

CIELCh(76, 88.656, 103.426)

Have a look what the booklet for
CIELCh(76, 88.656, 103.426)
contains.

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Color

CIELCh(76, 79.241, 104.446)

Conversions

Conversions Part 1

Format	Color
Hex	BEC300
RGB	190, 195, 0
RGB Percent	75%, 76%, 0%
CMY	0.2555, 0.2359, 1.0000
CMYK	0.03, 0.00, 1.00, 0.24
HSL	62°, 100%, 38%
HSV	62°, 100%, 76%
XYZ	40.6729, 49.8872, 7.4728
YIQ	171.2750, 59.6150, -61.7050

Conversions

Conversions Part 2

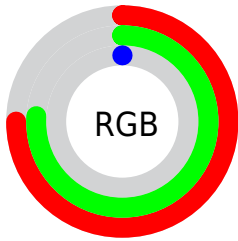
Format	Color
RYB	0, 195, 5
Decimal	12501760
CIELab	76.00, -19.77, 76.74
CIELCh	76, 79.241, 104.446
Yxy	49.8872, 0.4149, 0.5089
Android (android.graphics.Color)	4290691840 (0xFFBEC300)
YUV	171.2750, -84.4386, 16.4218
Hunter-Lab	70.6309, -20.8147, 43.1687

Details

The CIELCh color **76, 79.241, 104.446** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **24, 109.164, 306.358**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 78.950, 104.386**, and **56, 62.897, 107.093** is the 20% darker color. If you saturate the color by 10%, you get **76, 79.197, 104.453**, and if you desaturate by 10%, it is **76, 76.976, 104.524**.

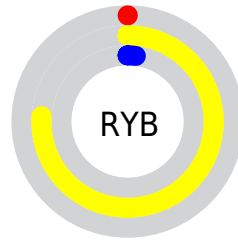
Distribution



Red (75%)

Green (76%)

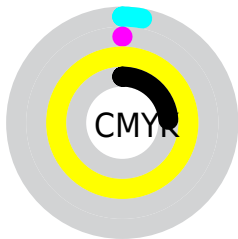
Blue (0%)



Red (0%)

Yellow (76%)

Blue (2%)

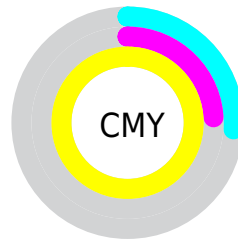


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (26%)


Magenta (24%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 79.241, 104.446 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, 79.241, 104.446 by changing the saturation by 10% instead.

 76, 79.241,
104.446

 76, 79.241,
104.446


 100, 79.241,
104.446

 66, 79.241,
104.446


 96, 79.241,
104.446

 56, 79.241,
104.446

 46, 79.241,
104.446

 36, 79.241,
104.446

 26, 79.241,
104.446

 16, 79.241,
104.446

 6, 79.241, 104.446

■ 0, 79.241, 104.446

■ 76, 79.241,
104.446

■ 76, 79.241,
104.446

■ 76, 79.197,
104.453

■ 76, 76.976,
104.524

■ 76, 72.863,
104.790

■ 76, 66.737,
105.266

■ 76, 59.047,
105.912

■ 77, 50.270,
106.681

■ 77, 40.788,
107.532

■ 77, 30.871,
108.430

■ 78, 20.695,
109.351

■ 78, 10.377,
110.273

Harmonies

Complementary

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



76, 79.241, 104.446



24, 109.164, 306.358

Rectangle

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



76, 79.241, 104.446



76, 79.241, 154.446



76, 79.241, 284.446



76, 79.241, 334.446

Sweetspot

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



76, 79.197, 104.453



97, 38.082, 108.388



41, 85.182, 40.164



52, 26.103, 107.998



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, 79.197, 104.453



96, 96.234, 104.477



70, 89.629, 128.645



41, 5.857, 110.332



64, 68.639, 104.430



12, 18.631, 108.298

Inverse Universe

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



24, 109.164, 306.358



32, 132.688, 306.338



31, 101.589, 312.241



37, 5.987, 292.112



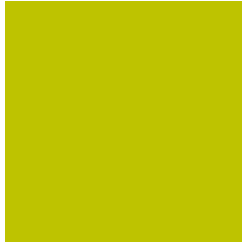
18, 94.583, 306.377



1, 19.486, 291.832

Previews

White Background



This preview shows how the CIELCh color 76, 79.241, 104.446 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, 79.241, 104.446 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, 79.241, 104.446

Background



This preview shows how black text looks on a background with the CIELCh color 76, 79.241, 104.446.



This preview shows how white text looks on a background with the CIELCh color 76, 79.241, 104.446.

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, 79.241, 104.446

Protanopia

76, 77.800, 95.240

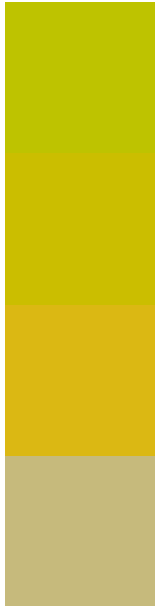
Deuteranopia

76, 74.765, 82.783



Tritanopia
76, 11.124, 337.736

Trichromacy



Original Color
76, 79.241, 104.446

Protanomaly
76, 77.893, 98.582

Deuteranomaly
76, 75.396, 91.007

Tritanomaly
75, 33.336, 98.360

Monochromacy



Original Color
76, 79.241, 104.446

Achromatopsia
70, 0.009, 296.813

Achromatomaly
72, 37.742, 107.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 79.241, 104.446 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(190, 195, 0)` looks like.

```
.text, #text, p{  
    color:rgb(190, 195, 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(190, 195, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 195, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 79.241, 104.446 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(190, 195, 0) }
```

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

```
.border{ border-color:rgb(190, 195, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 195, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 195, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 195, 0);  
box-shadow:4px 4px 4px 4px rgb(190, 195,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 79.241, 104.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 195, 0) }
```

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

```
.background{ background-color: rgb(190,  
195, 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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