

Converting Colors

CIELCh(76, 40.422, 109.318)

Have a look what the booklet for
CIELCh(76, 40.422, 109.318)
contains.

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Color

CIELCh(76, 40.422, 109.318)

Conversions

Conversions Part 1

Format	Color
Hex	BCC174
RGB	188, 193, 116
RGB Percent	74%, 76%, 45%
CMY	0.2641, 0.2445, 0.5464
CMYK	0.03, 0.00, 0.40, 0.24
HSL	64°, 38%, 60%
HSV	64°, 40%, 76%
XYZ	42.7795, 49.8872, 23.7989
YIQ	182.7270, 21.7370, -25.0070

Conversions

Conversions Part 2

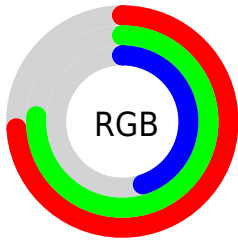
Format	Color
RYB	116, 193, 121
Decimal	12370292
CIELab	76.00, -13.37, 38.15
CIELCh	76, 40.422, 109.318
Yxy	49.8872, 0.3673, 0.4283
Android (android.graphics.Color)	4290560372 (0xFFBCC174)
YUV	182.7270, -32.8964, 4.6244
Hunter-Lab	70.6309, -15.4907, 29.4641

Details

The CIELCh color **76, 40.422, 109.318** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **52, 44.745, 297.415**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 40.291, 109.267**, and **56, 40.591, 109.792** is the 20% darker color. If you saturate the color by 10%, you get **76, 49.835, 108.531**, and if you desaturate by 10%, it is **76, 30.583, 110.161**.

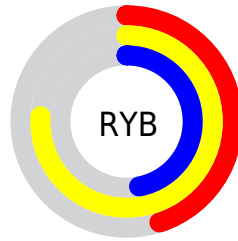
Distribution



Red (74%)

Green (76%)

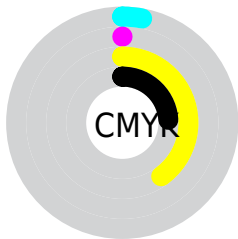
Blue (45%)



Red (45%)

Yellow (76%)

Blue (47%)

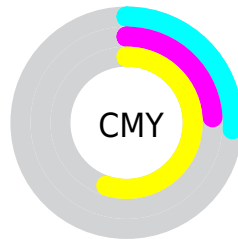


Cyan (3%)

Magenta (0%)

Yellow (40%)

Black (24%)



Cyan (26%)


Magenta (24%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 40.422, 109.318 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, 40.422, 109.318 by changing the saturation by 10% instead.


 76, 40.422,
109.318


 76, 40.422,
109.318


 100, 40.422,
109.318


 66, 40.422,
109.318


 96, 40.422,
109.318

 56, 40.422,
109.318

 46, 40.422,
109.318

 36, 40.422,
109.318

 26, 40.422,
109.318

 16, 40.422,
109.318

 6, 40.422, 109.318

■ 0, 40.422, 109.318

■ 76, 40.422,
109.318

■ 76, 40.422,
109.318

■ 76, 49.835,
108.531

■ 76, 30.583,
110.161

■ 75, 58.554,
107.830

■ 77, 20.487,
111.023

■ 75, 66.207,
107.264

■ 77, 10.250,
111.886

■ 75, 72.325,
106.891

■ 78, 0.054, 293.457

■ 75, 76.459,
106.764

■ 79, 10.376,
293.577

■ 75, 78.727,
106.869

■ 79, 20.682,
294.374

■ 75, 78.736,
106.870

■ 80, 30.947,
295.138

■ 80, 33.332,
295.840

■ 80, 33.357,
296.533

Harmonies

Complementary

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



76, 40.422, 109.318



52, 44.745, 297.415

Rectangle

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



76, 40.422, 109.318



76, 40.422, 159.318



76, 40.422, 289.318



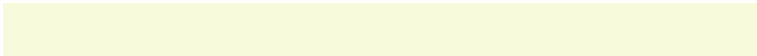
76, 40.422, 339.318

Sweetspot

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



76, 40.423, 109.321



97, 15.253, 111.694



58, 31.553, 26.791



52, 10.113, 111.581



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



76, 40.423, 109.321



96, 59.264, 108.622



73, 44.079, 128.956



41, 5.865, 111.936



63, 68.814, 106.817



12, 18.684, 110.695

Inverse Universe

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



52, 44.745, 297.415



60, 67.579, 298.851



56, 46.344, 312.659



37, 5.993, 293.595



18, 94.373, 306.515



1, 19.502, 292.896

Previews

White Background



This preview shows how the CIELCh color 76, 40.422, 109.318 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 CIE LCh color 76, 40.422, 109.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

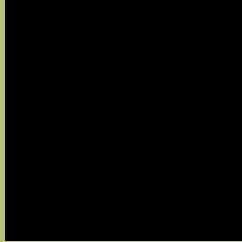
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 40.422, 109.318

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.422, 109.318.

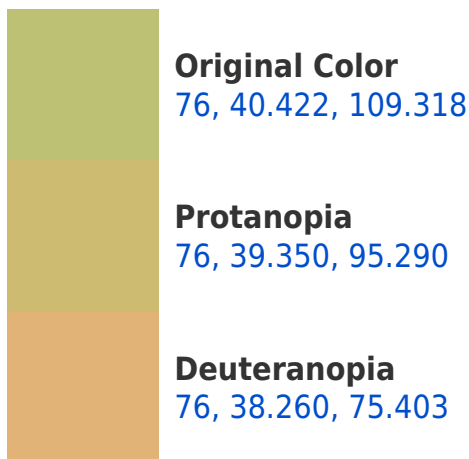



This preview shows how white text looks on a background with the CIELCh color 76, 40.422, 109.318.

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





Tritanopia
76, 9.168, 324.801

Trichromacy



Original Color
76, 40.422, 109.318

Protanomaly
76, 39.226, 100.285

Deuteranomaly
76, 37.166, 88.142

Tritanomaly
76, 11.048, 94.938

Monochromacy



Original Color
76, 40.422, 109.318

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 15.048, 111.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.422, 109.318 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, 193, 116)` looks like.

```
.text, #text, p{  
    color:rgb(188, 193, 116)  
}
```

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, 193, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 193, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.422, 109.318 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, 193, 116) }
```

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

```
.border{ border-color:rgb(188, 193, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 193, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 193, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 193, 116);  
box-shadow:4px 4px 4px 4px rgb(188, 193,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.422, 109.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 193, 116) }
```

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

```
.background{ background-color: rgb(188,  
193, 116) }
```

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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