

Converting Colors

CIELCh(76, 73.250, 107.531)

Have a look what the booklet for
CIELCh(76, 73.250, 107.531)
contains.

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Color

CIELCh(76, 73.175, 107.523)

Conversions

Conversions Part 1

Format	Color
Hex	B8C428
RGB	184, 196, 40
RGB Percent	72%, 77%, 16%
CMY	0.2780, 0.2309, 0.8426
CMYK	0.06, 0.00, 0.80, 0.23
HSL	65°, 66%, 46%
HSV	65°, 80%, 77%
XYZ	39.9440, 49.8872, 9.5437
YIQ	174.6280, 42.9240, -51.0600

Conversions

Conversions Part 2

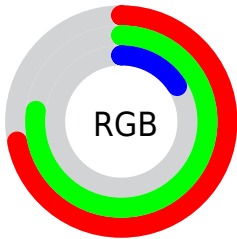
Format	Color
RYB	40, 196, 52
Decimal	12108840
CIELab	76.00, -22.03, 69.78
CIELCh	76, 73.175, 107.523
Yxy	49.8872, 0.4020, 0.5020
Android (android.graphics.Color)	4290298920 (0xFFB8C428)
YUV	174.6280, -66.3716, 8.2192
Hunter-Lab	70.6309, -22.6566, 41.4304

Details

The CIELCh color **76, 73.175, 107.523** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **30, 94.440, 304.525**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 72.977, 107.459**, and **56, 63.152, 109.166** is the 20% darker color. If you saturate the color by 10%, you get **76, 77.456, 107.430**, and if you desaturate by 10%, it is **76, 66.895, 107.875**.

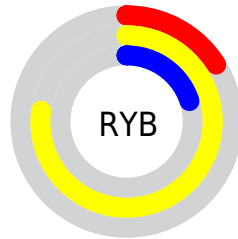
Distribution



Red (72%)

Green (77%)

Blue (16%)



Red (16%)

Yellow (77%)

Blue (20%)

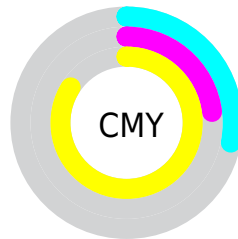


Cyan (6%)

Magenta (0%)

Yellow (80%)

Black (23%)



Cyan (28%)


Magenta (23%)


Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 73.175, 107.523 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, 73.175, 107.523 by changing the saturation by 10% instead.


 76, 73.175,
107.523


 76, 73.175,
107.523


 100, 73.175,
107.523


 66, 73.175,
107.523


 96, 73.175,
107.523

 56, 73.175,
107.523

 46, 73.175,
107.523

 36, 73.175,
107.523

 26, 73.175,
107.523

 16, 73.175,
107.523

 6, 73.175, 107.523

■ 0, 73.175, 107.523

■ 76, 73.175,
107.523

■ 76, 73.175,
107.523

■ 76, 77.456,
107.430

■ 76, 66.895,
107.875

■ 76, 79.785,
107.587

■ 76, 59.075,
108.424

■ 76, 79.881,
107.596

■ 77, 50.190,
109.110

■ 77, 40.614,
109.885

■ 78, 30.612,
110.710

■ 78, 20.356,
111.557

■ 79, 9.960, 112.404

■ 79, 0.502, 293.312

■ 80, 10.979,
294.058

Harmonies

Complementary

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



76, 73.175, 107.523



30, 94.440, 304.525

Rectangle

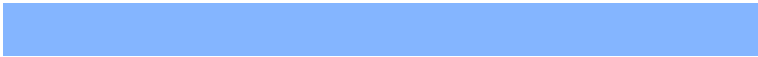
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 73.175, 107.523



76, 73.175, 157.523



76, 73.175, 287.523



76, 73.175, 337.523

Sweetspot

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



76, 73.175, 107.525



98, 30.887, 111.145



45, 69.744, 35.929



52, 21.174, 110.839



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, 73.175, 107.525



96, 96.429, 107.533



71, 81.902, 128.641



41, 5.868, 112.418



63, 68.893, 107.528



12, 18.707, 111.409

Inverse Universe

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



30, 94.440, 304.525



34, 131.124, 306.250



38, 89.835, 314.343



37, 5.996, 294.041



19, 94.305, 306.560



1, 19.509, 293.216

Previews

White Background



This preview shows how the CIELCh color 76, 73.175, 107.523 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, 73.175, 107.523 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, 73.175, 107.523

Background



This preview shows how black text looks on a background with the CIELCh color 76, 73.175, 107.523.

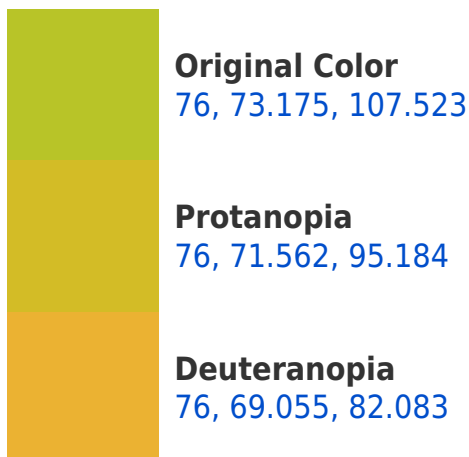



This preview shows how white text looks on a background with the CIELCh color 76, 73.175, 107.523.

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, 9.379, 326.682

Trichromacy



Original Color
76, 73.175, 107.523

Protanomaly
76, 71.648, 99.885

Deuteranomaly
76, 68.908, 92.068

Tritanomaly
76, 25.660, 103.198

Monochromacy



Original Color
76, 73.175, 107.523

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 30.505, 111.058

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 73.175, 107.523 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(184, 196, 40)` looks like.

```
.text, #text, p{  
    color:rgb(184, 196, 40)  
}
```

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(184, 196, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 196, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 73.175, 107.523 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(184, 196, 40) }
```

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

```
.border{ border-color:rgb(184, 196, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 196, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 196, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 196, 40);  
box-shadow:4px 4px 4px 4px rgb(184, 196,  
40) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 73.175, 107.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 196, 40) }
```

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

```
.background{ background-color: rgb(184,  
196, 40) }
```

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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