

Converting Colors

CIELCh(76, 79.384, 105.943)

Have a look what the booklet for
CIELCh(76, 79.384, 105.943)
contains.

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Color

CIELCh(76, 79.457, 106.037)

Conversions

Conversions Part 1

Format	Color
Hex	BAC402
RGB	186, 196, 2
RGB Percent	73%, 77%, 1%
CMY	0.2708, 0.2316, 0.9928
CMYK	0.05, 0.00, 0.99, 0.23
HSL	63°, 98%, 39%
HSV	63°, 99%, 77%
XYZ	39.9701, 49.8872, 7.5748
YIQ	170.8940, 56.3140, -62.4540

Conversions

Conversions Part 2

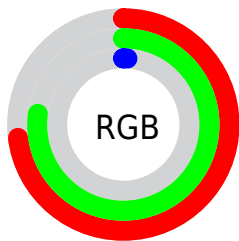
Format	Color
R _Y B	2, 196, 12
Decimal	12239874
CIE Lab	76.00, -21.95, 76.36
CIE LCh	76, 79.457, 106.037
Yxy	49.8872, 0.4102, 0.5120
Android (android.graphics.Color)	4290429954 (0xFFBAC402)
YUV	170.8940, -83.2647, 13.2480
Hunter-Lab	70.6309, -22.5907, 43.0831

Details

The CIELCh color **76, 79.457, 106.037** 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, 109.032, 306.351**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 79.355, 105.869**, and **56, 63.469, 109.127** is the 20% darker color. If you saturate the color by 10%, you get **76, 79.646, 106.046**, and if you desaturate by 10%, it is **76, 77.106, 106.002**.

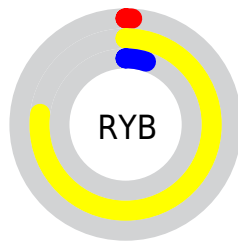
Distribution



Red (73%)

Green (77%)

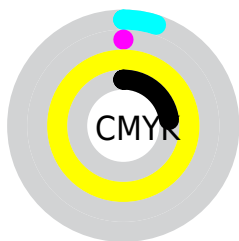
Blue (1%)



Red (1%)

Yellow (77%)

Blue (5%)

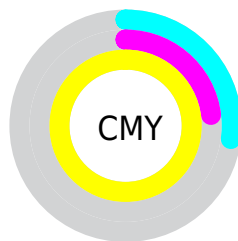


Cyan (5%)

Magenta (0%)

Yellow (99%)

Black (23%)



Cyan (27%)


Magenta (23%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 79.457, 106.037 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, 79.457, 106.037 by changing the saturation by 10% instead.


 76, 79.457,
106.037


 76, 79.457,
106.037


 100, 79.457,
106.037


 66, 79.457,
106.037


 96, 79.457,
106.037

 56, 79.457,
106.037

 46, 79.457,
106.037

 36, 79.457,
106.037

 26, 79.457,
106.037

 16, 79.457,
106.037

 6, 79.457, 106.037

■ 0, 79.457, 106.037

■ 76, 79.457,
106.037

■ 76, 79.457,
106.037

■ 76, 79.646,
106.046

■ 76, 77.106,
106.002

■ 76, 72.756,
106.197

■ 76, 66.421,
106.623

■ 77, 58.565,
107.230

■ 77, 49.661,
107.965

■ 77, 40.080,
108.781

■ 78, 30.080,
109.644

■ 78, 19.834,
110.528

■ 79, 9.453, 111.412

Harmonies

Complementary

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



76, 79.457, 106.037



24, 109.032, 306.351

Rectangle

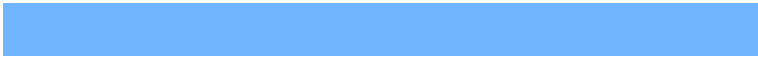
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 79.457, 106.037



76, 79.457, 156.037



76, 79.457, 286.037



76, 79.457, 336.037

Sweetspot

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



76, 79.457, 106.039



98, 38.420, 109.521



41, 84.545, 40.226



52, 26.121, 109.149



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, 79.457, 106.039



96, 97.118, 106.095



71, 90.631, 129.580



41, 5.862, 111.385



63, 68.739, 106.000



12, 18.662, 109.874

Inverse Universe

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



24, 109.032, 306.351



32, 133.588, 306.391



32, 100.901, 313.101



37, 5.991, 293.085



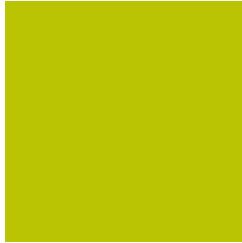
18, 94.445, 306.467



1, 19.496, 292.530

Previews

White Background



This preview shows how the CIELCh color 76, 79.457, 106.037 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, 79.457, 106.037 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, 79.457, 106.037

Background



This preview shows how black text looks on a background with the CIELCh color 76, 79.457, 106.037.



This preview shows how white text looks on a background with the CIELCh color 76, 79.457, 106.037.

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, 79.457, 106.037

Protanopia

76, 77.800, 95.240

Deuteranopia

76, 74.415, 82.324



Tritanopia
76, 10.080, 331.853

Trichromacy



Original Color
76, 79.457, 106.037

Protanomaly
76, 78.026, 99.261

Deuteranomaly
76, 75.129, 91.331

Tritanomaly
75, 33.083, 101.243

Monochromacy



Original Color
76, 79.457, 106.037

Achromatopsia
70, 0.009, 296.813

Achromatomaly
72, 37.773, 108.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 79.457, 106.037 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(186, 196, 2)` looks like.

```
.text, #text, p{  
    color:rgb(186, 196, 2)  
}
```

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(186, 196, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 196, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 79.457, 106.037 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(186, 196, 2) }
```

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

```
.border{ border-color:rgb(186, 196, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 196, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 196, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 196, 2);  
box-shadow:4px 4px 4px 4px rgb(186, 196,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 79.457, 106.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 196, 2) }
```

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

```
.background{ background-color: rgb(186,  
196, 2) }
```

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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