

Converting Colors

CIELCh(77, 79.283, 108.937)

Have a look what the booklet for
CIELCh(77, 79.283, 108.937)
contains.

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Color

CIELCh(77, 79.485, 108.980)

Conversions

Conversions Part 1

Format	Color
Hex	B6C912
RGB	182, 201, 18
RGB Percent	71%, 79%, 7%
CMY	0.2879, 0.2133, 0.9287
CMYK	0.09, 0.00, 0.91, 0.21
HSL	66°, 83%, 43%
HSV	66°, 91%, 79%
XYZ	40.1013, 51.5317, 8.4121
YIQ	174.4570, 47.4190, -60.9410

Conversions

Conversions Part 2

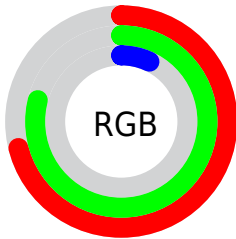
Format	Color
RYB	18, 201, 37
Decimal	11979026
CIELab	77.00, -25.85, 75.16
CIELCh	77, 79.485, 108.980
Yxy	51.5317, 0.4008, 0.5151
Android (android.graphics.Color)	4290169106 (0xFFB6C912)
YUV	174.4570, -77.1333, 6.6152
Hunter-Lab	71.7856, -25.9101, 43.3021

Details

The CIELCh color **77, 79.485, 108.980** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed chartreuse. A complement of this color would be **27, 106.205, 306.105**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 78.448, 108.111**, and **57, 65.308, 112.104** is the 20% darker color. If you saturate the color by 10%, you get **77, 81.524, 109.252**, and if you desaturate by 10%, it is **77, 75.421, 108.937**.

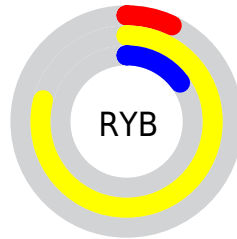
Distribution



Red (71%)

Green (79%)

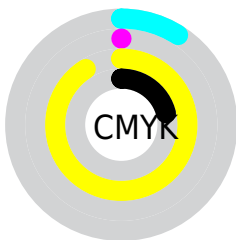
Blue (7%)



Red (7%)

Yellow (79%)

Blue (15%)

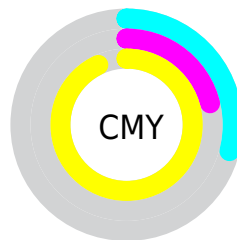


Cyan (9%)

Magenta (0%)

Yellow (91%)

Black (21%)



Cyan (29%)

Magenta (21%)

Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 79.485, 108.980 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 77, 79.485, 108.980 by changing the saturation by 10% instead.


 77, 79.485,
108.980


 77, 79.485,
108.980


 100, 79.485,
108.980

 67, 79.485,
108.980


 97, 79.485,
108.980

 57, 79.485,
108.980

 47, 79.485,
108.980

 37, 79.485,
108.980

 27, 79.485,
108.980

 17, 79.485,
108.980

 7, 79.485, 108.980

■ 0, 79.485, 108.980

■ 77, 79.485,
108.980

■ 77, 79.485,
108.980

■ 77, 81.524,
109.252

■ 77, 75.421,
108.937

■ 77, 69.271,
109.181

■ 78, 61.480,
109.649

■ 78, 52.539,
110.273

■ 79, 42.849,
110.998

■ 79, 32.691,
111.780

■ 80, 22.255,
112.588

■ 80, 11.663,
113.399

■ 81, 0.997, 114.177

Harmonies

Complementary

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



77, 79.485, 108.980



27, 106.205, 306.105

Rectangle

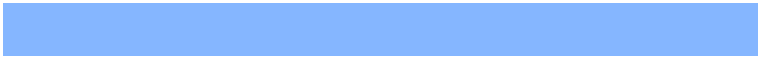
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 79.485, 108.980



77, 79.485, 158.980



77, 79.485, 288.980



77, 79.485, 338.980

Sweetspot

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



77, 79.485, 108.982



98, 34.743, 112.066



44, 79.928, 39.687



52, 23.355, 111.788



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 79.485, 108.982



95, 97.688, 109.340



72, 90.649, 130.236



42, 6.004, 113.525



64, 69.927, 109.160



13, 20.431, 112.168

Inverse Universe

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



27, 106.205, 306.105



33, 133.225, 306.559



36, 98.465, 314.909



38, 6.135, 295.073



19, 95.228, 306.676



1, 21.568, 294.496

Previews

White Background



This preview shows how the CIELCh color 77, 79.485, 108.980 looks on a white background.

Color Contrast Check

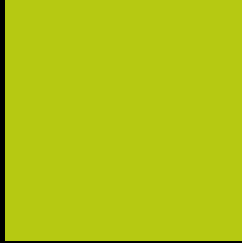
Large Text (above 18pt) WCAG AA × Fail

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 77, 79.485, 108.980 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 77, 79.485, 108.980

Background



This preview shows how black text looks on a background with the CIELCh color 77, 79.485, 108.980.



This preview shows how white text looks on a background with the CIELCh color 77, 79.485, 108.980.

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
77, 79.627, 108.958

Protanopia
77, 77.114, 94.980

Deuteranopia
77, 73.892, 82.388



Tritanopia
77, 8.245, 314.163

Trichromacy



Original Color
77, 79.627, 108.958

Protanomaly
77, 77.384, 100.364

Deuteranomaly
76, 73.862, 92.417

Tritanomaly
76, 30.188, 108.101

Monochromacy



Original Color
77, 79.627, 108.958

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 35.700, 111.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 79.485, 108.980 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(182, 201, 18)` looks like.

```
.text, #text, p{  
    color:rgb(182, 201, 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(182, 201, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 201, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 79.485, 108.980 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(182, 201, 18) }
```

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

```
.border{ border-color:rgb(182, 201, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 201, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 201, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 201, 18);  
box-shadow:4px 4px 4px 4px rgb(182, 201,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 79.485, 108.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 201, 18) }
```

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

```
.background{ background-color: rgb(182,  
201, 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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