

Converting Colors

CIELCh(79, 82.013, 105.271)

Have a look what the booklet for
CIELCh(79, 82.013, 105.271)
contains.

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Color

CIELCh(79, 82.015, 105.292)

Conversions

Conversions Part 1

Format	Color
Hex	C4CC00
RGB	196, 204, 0
RGB Percent	77%, 80%, 0%
CMY	0.2313, 0.1999, 0.9998
CMYK	0.04, 0.00, 1.00, 0.20
HSL	62°, 100%, 40%
HSV	62°, 100%, 80%
XYZ	44.3637, 54.9284, 8.2650
YIQ	178.3520, 60.7160, -65.1400

Conversions

Conversions Part 2

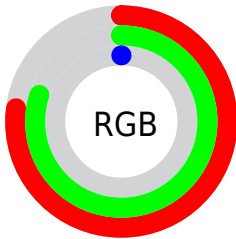
Format	Color
RYB	0, 204, 8
Decimal	12897280
CIELab	79.00, -21.63, 79.11
CIElCh	79, 82.015, 105.292
Yxy	54.9284, 0.4125, 0.5107
Android (android.graphics.Color)	4291087360 (0xFFC4CC00)
YUV	178.3520, -87.9275, 15.4773
Hunter-Lab	74.1137, -22.8508, 45.2677

Details

The CIELCh color **79, 82.015, 105.292** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **25, 112.907, 306.387**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 79.711, 104.099**, and **59, 65.529, 107.683** is the 20% darker color. If you saturate the color by 10%, you get **79, 82.020, 105.294**, and if you desaturate by 10%, it is **79, 79.785, 105.294**.

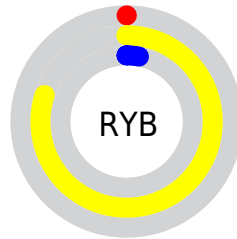
Distribution



Red (77%)

Green (80%)

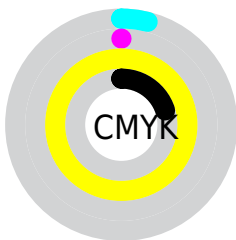
Blue (0%)



Red (0%)

Yellow (80%)

Blue (3%)

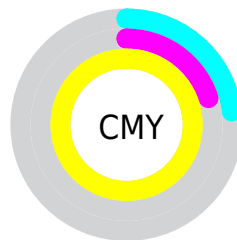


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (23%)


Magenta (20%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 82.015, 105.292 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 79, 82.015, 105.292 by changing the saturation by 10% instead.


 79, 82.015,
105.292

 79, 82.015,
105.292


 100, 82.015,
105.292


 69, 82.015,
105.292

 99, 82.015,
105.292

 59, 82.015,
105.292

 49, 82.015,
105.292

 39, 82.015,
105.292

 29, 82.015,
105.292

 19, 82.015,
105.292

 9, 82.015, 105.292

■ 0, 82.015, 105.292

■ 79, 82.015,
105.292

■ 79, 82.015,
105.292

■ 79, 82.020,
105.294

■ 79, 79.785,
105.294

■ 79, 75.556,
105.505

■ 79, 69.226,
105.942

■ 80, 61.261,
106.560

■ 80, 52.158,
107.306

■ 80, 42.319,
108.137

■ 81, 32.025,
109.017

■ 81, 21.460,
109.921

■ 81, 10.745,
110.826

Harmonies

Complementary

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



79, 82.015, 105.292



25, 112.907, 306.387

Rectangle

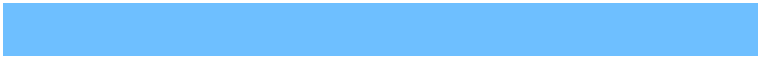
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 82.015, 105.292



79, 82.015, 155.292



79, 82.015, 285.292



79, 82.015, 335.292

Sweetspot

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



79, 82.014, 105.294



98, 38.405, 108.980



43, 87.934, 40.302



52, 26.111, 108.600



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 82.014, 105.294



96, 97.037, 105.326



73, 93.288, 129.209



43, 6.112, 110.878



65, 70.284, 105.259



14, 21.930, 107.693

Inverse Universe

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



25, 112.907, 306.387



32, 133.646, 306.364



33, 104.781, 312.608



39, 6.248, 292.627



19, 96.720, 306.419



1, 23.556, 293.461

Previews

White Background



This preview shows how the CIELCh color 79, 82.015, 105.292 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 79, 82.015, 105.292 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 79, 82.015, 105.292

Background



This preview shows how black text looks on a background with the CIELCh color 79, 82.015, 105.292.



This preview shows how white text looks on a background with the CIELCh color 79, 82.015, 105.292.

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


79, 82.015, 105.292

Protanopia

79, 80.329, 94.896

Deuteranopia

79, 77.194, 82.198



Tritanopia
79, 10.503, 334.902

Trichromacy



Original Color
79, 82.015, 105.292

Protanomaly
79, 80.610, 98.762

Deuteranomaly
79, 77.831, 91.142

Tritanomaly
78, 34.485, 100.107

Monochromacy



Original Color
79, 82.015, 105.292

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 39.048, 107.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 82.015, 105.292 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(196, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(196, 204, 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(196, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 204, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 82.015, 105.292 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(196, 204, 0) }
```

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

```
.border{ border-color:rgb(196, 204, 0) }
```

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

Here you see how a box with a 4 pixel rgb(196, 204, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(196, 204,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 82.015, 105.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 204, 0) }
```

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

```
.background{ background-color: rgb(196,  
204, 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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