

Converting Colors

CIELCh(79, 82.460, 105.967)

Have a look what the booklet for
CIELCh(79, 82.460, 105.967)
contains.

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Color

CIELCh(79, 82.397, 106.184)

Conversions

Conversions Part 1

Format	Color
Hex	C2CD00
RGB	194, 205, 0
RGB Percent	76%, 80%, 0%
CMY	0.2406, 0.1973, 1.0000
CMYK	0.05, 0.00, 1.00, 0.20
HSL	63°, 100%, 40%
HSV	63°, 100%, 80%
XYZ	43.9070, 54.9284, 8.2590
YIQ	178.3410, 59.2490, -66.0870

Conversions

Conversions Part 2

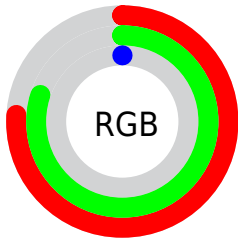
Format	Color
RYB	0, 205, 11
Decimal	12766464
CIELab	79.00, -22.97, 79.13
CIELCh	79, 82.397, 106.184
Yxy	54.9284, 0.4100, 0.5129
Android (android.graphics.Color)	4290956544 (0xFFC2CD00)
YUV	178.3410, -87.9221, 13.7329
Hunter-Lab	74.1137, -23.9507, 45.2725

Details

The CIELCh color **79, 82.397, 106.184** 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, 113.126, 306.427**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 79.711, 104.396**, and **59, 65.999, 108.830** is the 20% darker color. If you saturate the color by 10%, you get **79, 82.302, 106.198**, and if you desaturate by 10%, it is **79, 80.060, 106.128**.

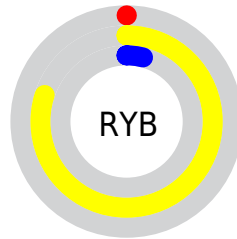
Distribution



Red (76%)

Green (80%)

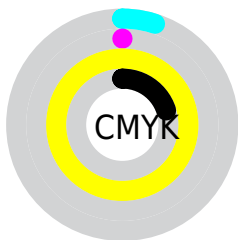
Blue (0%)



Red (0%)

Yellow (80%)

Blue (4%)

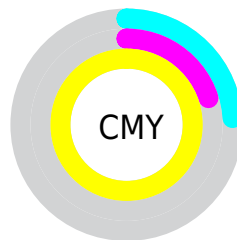


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (24%)


Magenta (20%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 82.397, 106.184 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, 82.397, 106.184 by changing the saturation by 10% instead.


 79, 82.397,
106.184

 79, 82.397,
106.184


 100, 82.397,
106.184


 69, 82.397,
106.184

 99, 82.397,
106.184

 59, 82.397,
106.184

 49, 82.397,
106.184

 39, 82.397,
106.184

 29, 82.397,
106.184

 19, 82.397,
106.184

 9, 82.397, 106.184

■ 0, 82.397, 106.184

■ 79, 82.397,
106.184

■ 79, 82.397,
106.184

■ 79, 82.302,
106.198

■ 79, 80.060,
106.128

■ 79, 75.816,
106.285

■ 79, 69.466,
106.682

■ 80, 61.476,
107.268

■ 80, 52.347,
107.989

■ 80, 42.479,
108.797

■ 81, 32.154,
109.656

■ 81, 21.557,
110.538

■ 82, 10.809,
111.421

Harmonies

Complementary

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



79, 82.397, 106.184



25, 113.126, 306.427

Rectangle

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



79, 82.397, 106.184



79, 82.397, 156.184



79, 82.397, 286.184



79, 82.397, 336.184

Sweetspot

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



79, 82.302, 106.198



98, 38.423, 109.622



43, 87.947, 40.463



52, 26.123, 109.252



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, 82.302, 106.198



96, 97.136, 106.240



73, 94.012, 129.712



43, 6.115, 111.475



65, 70.353, 106.148



14, 21.947, 108.549

Inverse Universe

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



25, 113.126, 306.427



33, 133.576, 306.396



34, 104.672, 313.017



39, 6.251, 293.178



19, 96.643, 306.468



1, 23.566, 293.839

Previews

White Background



This preview shows how the CIELCh color 79, 82.397, 106.184 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, 82.397, 106.184 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, 82.397, 106.184

Background



This preview shows how black text looks on a background with the CIELCh color 79, 82.397, 106.184.



This preview shows how white text looks on a background with the CIELCh color 79, 82.397, 106.184.

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, 82.397, 106.184

Protanopia
79, 80.261, 95.211

Deuteranopia
79, 76.970, 82.160



Tritanopia
79, 10.406, 329.883

Trichromacy



Original Color
79, 82.397, 106.184

Protanomaly
79, 80.547, 99.392

Deuteranomaly
79, 77.674, 91.133

Tritanomaly
78, 34.390, 101.478

Monochromacy



Original Color
79, 82.397, 106.184

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 39.550, 108.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 82.397, 106.184 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(194, 205, 0)` looks like.

```
.text, #text, p{  
    color:rgb(194, 205, 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(194, 205, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 205, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 82.397, 106.184 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(194, 205, 0) }
```

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

```
.border{ border-color:rgb(194, 205, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 205, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 205, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 205, 0);  
box-shadow:4px 4px 4px 4px rgb(194, 205,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 82.397, 106.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 205, 0) }
```

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

```
.background{ background-color: rgb(194,  
205, 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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