

Converting Colors

CIELCh(79, 81.926, 103.666)

Have a look what the booklet for
CIELCh(79, 81.926, 103.666)
contains.

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Color

CIELCh(79, 81.629, 103.774)

Conversions

Conversions Part 1

Format	Color
Hex	C8CB00
RGB	200, 203, 0
RGB Percent	78%, 80%, 0%
CMY	0.2161, 0.2043, 1.0000
CMYK	0.01, 0.00, 1.00, 0.20
HSL	61°, 100%, 40%
HSV	61°, 100%, 80%
XYZ	45.1212, 54.9284, 8.2152
YIQ	178.9610, 63.3750, -63.7690

Conversions

Conversions Part 2

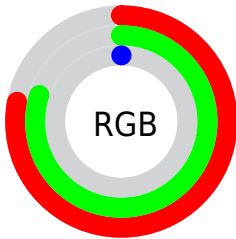
Format	Color
R_{YB}	0, 203, 3
Decimal	13159168
CIE _{Lab}	79.00, -19.44, 79.28
CIE _{LCh}	79, 81.629, 103.774
Yxy	54.9284, 0.4168, 0.5074
Android (android.graphics.Color)	4291349248 (0xFFC8CB00)
YUV	178.9610, -88.2278, 18.4512
Hunter-Lab	74.1137, -21.0262, 45.3075

Details

The CIELCh color **79, 81.629, 103.774** 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, 112.577, 306.326**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 80.067, 104.072**, and **59, 65.055, 106.108** is the 20% darker color. If you saturate the color by 10%, you get **79, 81.601, 103.779**, and if you desaturate by 10%, it is **79, 79.392, 103.894**.

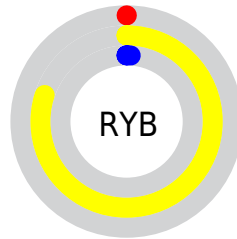
Distribution



Red (78%)

Green (80%)

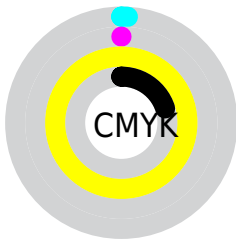
Blue (0%)



Red (0%)

Yellow (80%)

Blue (1%)

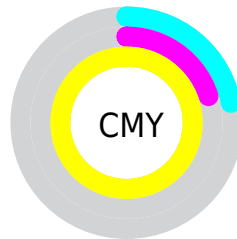


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (22%)


Magenta (20%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 81.629, 103.774 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, 81.629, 103.774 by changing the saturation by 10% instead.


 79, 81.629,
103.774

 79, 81.629,
103.774

 100, 81.629,
103.774


 69, 81.629,
103.774


 99, 81.629,
103.774

 59, 81.629,
103.774

 49, 81.629,
103.774

 39, 81.629,
103.774

 29, 81.629,
103.774

 19, 81.629,
103.774

 9, 81.629, 103.774

■ 0, 81.629, 103.774

■ 79, 81.629,
103.774

■ 79, 81.629,
103.774

■ 79, 81.601,
103.779

■ 79, 79.392,
103.894

■ 79, 75.198,
104.196

■ 79, 68.909,
104.700

■ 79, 60.989,
105.368

■ 80, 51.933,
106.157

■ 80, 42.142,
107.026

■ 80, 31.897,
107.943

■ 81, 21.384,
108.883

■ 81, 10.722,
109.824

Harmonies

Complementary

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



79, 81.629, 103.774



25, 112.577, 306.326

Rectangle

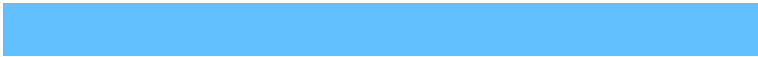
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 81.629, 103.774



79, 81.629, 153.774



79, 81.629, 283.774



79, 81.629, 333.774

Sweetspot

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



79, 81.601, 103.779



98, 38.386, 107.906



42, 88.034, 40.000



52, 26.099, 107.510



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, 81.601, 103.779



97, 96.934, 103.791



73, 91.929, 128.149



43, 6.109, 109.880



66, 70.213, 103.766



14, 21.915, 106.258

Inverse Universe

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



25, 112.577, 306.326



32, 133.751, 306.316



32, 105.118, 311.825



39, 6.245, 291.707



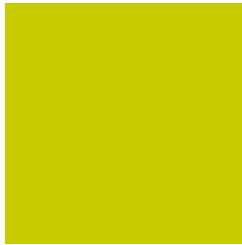
19, 96.850, 306.337



1, 23.541, 292.830

Previews

White Background



This preview shows how the CIELCh color 79, 81.629, 103.774 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, 81.629, 103.774 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, 81.629, 103.774

Background



This preview shows how black text looks on a background with the CIELCh color 79, 81.629, 103.774.



This preview shows how white text looks on a background with the CIELCh color 79, 81.629, 103.774.

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, 81.629, 103.774

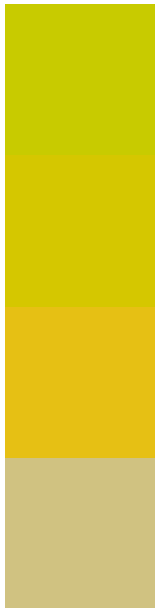
Protanopia
79, 80.329, 94.896

Deuteranopia
79, 77.413, 82.235



Tritanopia
79, 11.592, 340.259

Trichromacy



Original Color
79, 81.629, 103.774

Protanomaly
79, 80.645, 98.448

Deuteranomaly
79, 78.048, 90.503

Tritanomaly
78, 34.770, 97.363

Monochromacy



Original Color
79, 81.629, 103.774

Achromatopsia
73, 0.009, 296.813

Achromatomaly
75, 39.010, 107.041

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 81.629, 103.774 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(200, 203, 0)` looks like.

```
.text, #text, p{  
    color:rgb(200, 203, 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(200, 203, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 203, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 81.629, 103.774 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(200, 203, 0) }
```

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

```
.border{ border-color:rgb(200, 203, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 203, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 203, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 203, 0);  
box-shadow:4px 4px 4px 4px rgb(200, 203,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 81.629, 103.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 203, 0) }
```

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

```
.background{ background-color: rgb(200,  
203, 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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