

Converting Colors

CIELCh(79, 81.118, 102.510)

Have a look what the booklet for
CIELCh(79, 81.118, 102.510)
contains.

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Color

CIELCh(79, 81.115, 102.558)

Conversions

Conversions Part 1

Format	Color
Hex	CBCA02
RGB	203, 202, 2
RGB Percent	80%, 79%, 1%
CMY	0.2040, 0.2079, 0.9923
CMYK	0.00, 0.00, 0.99, 0.20
HSL	60°, 98%, 40%
HSV	60°, 99%, 80%
XYZ	45.7483, 54.9284, 8.2465
YIQ	179.4990, 64.7960, -61.9880

Conversions

Conversions Part 2

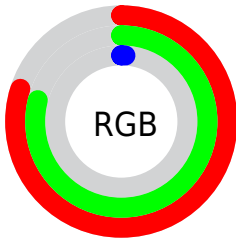
Format	Color
RYB	3, 203, 2
Decimal	13355522
CIELab	79.00, -17.64, 79.17
CIELCh	79, 81.115, 102.558
Yxy	54.9284, 0.4200, 0.5043
Android (android.graphics.Color)	4291545602 (0xFFCBCA02)
YUV	179.4990, -87.5070, 20.6104
Hunter-Lab	74.1137, -19.5159, 45.2825

Details

The CIELCh color **79, 81.115, 102.558** 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, 111.994, 306.157**, 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, 64.636, 104.497** is the 20% darker color. If you saturate the color by 10%, you get **79, 81.300, 102.542**, and if you desaturate by 10%, it is **79, 78.811, 102.781**.

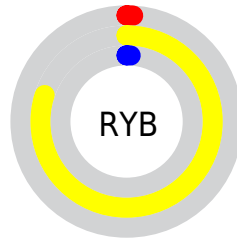
Distribution



Red (80%)

Green (79%)

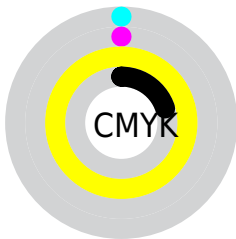
Blue (1%)



Red (1%)

Yellow (80%)

Blue (1%)

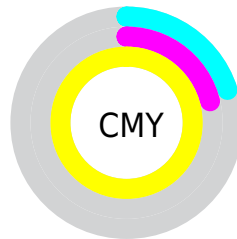


Cyan (0%)

Magenta (0%)

Yellow (99%)

Black (20%)



Cyan (20%)


Magenta (21%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 81.115, 102.558 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, 81.115, 102.558 by changing the saturation by 10% instead.


 79, 81.115,
102.558

 79, 81.115,
102.558


 100, 81.115,
102.558


 69, 81.115,
102.558

 99, 81.115,
102.558


 59, 81.115,
102.558

 49, 81.115,
102.558

 39, 81.115,
102.558

 29, 81.115,
102.558

 19, 81.115,
102.558

 9, 81.115, 102.558

■ 0, 81.115, 102.558

■ 79, 81.115,
102.558

■ 79, 81.115,
102.558

■ 79, 81.300,
102.542

■ 79, 78.811,
102.781

■ 79, 74.417,
103.179

■ 79, 67.963,
103.757

■ 79, 59.930,
104.483

■ 80, 50.812,
105.317

■ 80, 40.998,
106.223

■ 80, 30.757,
107.172

■ 81, 20.268,
108.141

■ 81, 9.645, 109.108

Harmonies

Complementary

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



79, 81.115, 102.558



25, 111.994, 306.157

Rectangle

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



79, 81.115, 102.558



79, 81.115, 152.558



79, 81.115, 282.558



79, 81.115, 332.558

Sweetspot

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



79, 81.114, 102.560



98, 38.207, 107.041



42, 86.801, 39.147



52, 25.978, 106.634



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, 81.114, 102.560



97, 96.546, 102.538



73, 91.136, 127.488



43, 6.078, 109.074



66, 69.941, 102.546



14, 21.796, 105.128

Inverse Universe

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



25, 111.994, 306.157



32, 133.621, 306.247



32, 105.097, 311.500



39, 6.212, 290.956



19, 96.689, 306.219



1, 23.452, 292.329

Previews

White Background



This preview shows how the CIELCh color 79, 81.115, 102.558 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, 81.115, 102.558 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, 81.115, 102.558

Background



This preview shows how black text looks on a background with the CIELCh color 79, 81.115, 102.558.

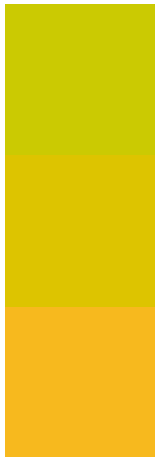


This preview shows how white text looks on a background with the CIELCh color 79, 81.115, 102.558.

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, 81.115, 102.558

Protanopia

79, 80.329, 94.896

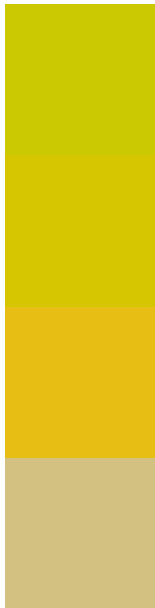
Deuteranopia

79, 77.626, 82.271



Tritanopia
79, 12.769, 344.721

Trichromacy



Original Color
79, 81.115, 102.558

Protanomaly
79, 80.326, 97.798

Deuteranomaly
79, 77.968, 89.805

Tritanomaly
78, 34.639, 94.538

Monochromacy



Original Color
79, 81.115, 102.558

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 38.029, 105.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 81.115, 102.558 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(203, 202, 2)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 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(203, 202, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 81.115, 102.558 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(203, 202, 2) }
```

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

```
.border{ border-color:rgb(203, 202, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 202, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 2);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 81.115, 102.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 2) }
```

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

```
.background{ background-color: rgb(203,  
202, 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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