

Converting Colors

CIELCh(79, 78.948, 103.027)

Have a look what the booklet for
CIELCh(79, 78.948, 103.027)
contains.

CIELCh(79, 78.982, 103.049)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 78.982, 103.049)

Conversions

Conversions Part 1

Format	Color
Hex	CACA15
RGB	202, 202, 21
RGB Percent	79%, 79%, 8%
CMY	0.2073, 0.2073, 0.9166
CMYK	0.00, 0.00, 0.89, 0.21
HSL	60°, 81%, 44%
HSV	60°, 89%, 79%
XYZ	45.6796, 54.9284, 8.9164
YIQ	181.3660, 58.1010, -56.2910

Conversions

Conversions Part 2

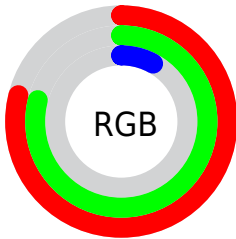
Format	Color
R_{YB}	21, 202, 21
Decimal	13290005
CIE _{Lab}	79.00, -17.83, 76.94
CIE _{LCh}	79, 78.982, 103.049
Yxy	54.9284, 0.4171, 0.5015
Android (android.graphics.Color)	4291480085 (0xFFCACA15)
YUV	181.3660, -79.0604, 18.0960
Hunter-Lab	74.1137, -19.6814, 44.7466

Details

The CIELCh color **79, 78.982, 103.049** 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 **27, 106.609, 305.332**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 77.517, 104.262**, and **59, 64.656, 104.906** is the 20% darker color. If you saturate the color by 10%, you get **79, 81.246, 102.859**, and if you desaturate by 10%, it is **79, 74.685, 103.419**.

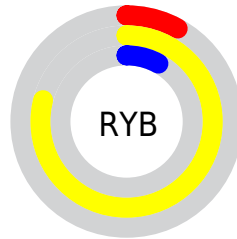
Distribution



Red (79%)

Green (79%)

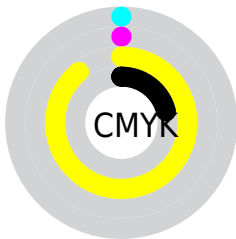
Blue (8%)



Red (8%)

Yellow (79%)

Blue (8%)

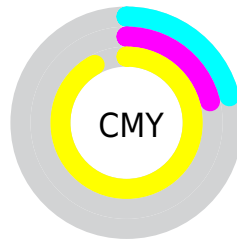


Cyan (0%)

Magenta (0%)

Yellow (89%)

Black (21%)



Cyan (21%)


Magenta (21%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 78.982, 103.049 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, 78.982, 103.049 by changing the saturation by 10% instead.

 79, 78.982,
103.049

 79, 78.982,
103.049


 100, 78.982,
103.049

 69, 78.982,
103.049


 99, 78.982,
103.049

 59, 78.982,
103.049

 49, 78.982,
103.049

 39, 78.982,
103.049

 29, 78.982,
103.049

 19, 78.982,
103.049

 9, 78.982, 103.049

■ 0, 78.982, 103.049

■ 79, 78.982,
103.049

■ 79, 78.982,
103.049

■ 79, 81.246,
102.859

■ 79, 74.685,
103.419

■ 79, 81.347,
102.851

■ 79, 68.319,
103.974

■ 79, 60.352,
104.681

■ 80, 51.277,
105.501

■ 80, 41.486,
106.397

■ 80, 31.254,
107.338

■ 80, 20.764,
108.301

■ 81, 10.132,
109.264

■ 81, 0.567, 290.341

Harmonies

Complementary

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



79, 78.982, 103.049



27, 106.609, 305.332

Rectangle

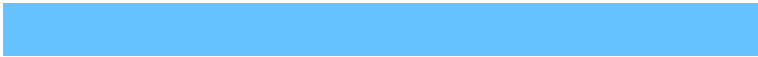
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79, 78.982, 103.049



79, 78.982, 153.049



79, 78.982, 283.049



79, 78.982, 333.049

Sweetspot

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



79, 78.982, 103.051



99, 34.615, 107.540



43, 80.933, 36.402



52, 23.269, 107.209



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, 78.982, 103.051



97, 96.909, 102.851



74, 87.369, 126.495



43, 6.108, 109.272



66, 70.196, 102.851



15, 21.914, 105.380

Inverse Universe

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



27, 106.609, 305.332



32, 133.815, 306.287



34, 100.195, 311.994



39, 6.243, 291.147



19, 96.929, 306.287



1, 23.534, 292.445

Previews

White Background



This preview shows how the CIELCh color 79, 78.982, 103.049 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, 78.982, 103.049 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, 78.982, 103.049

Background



This preview shows how black text looks on a background with the CIELCh color 79, 78.982, 103.049.



This preview shows how white text looks on a background with the CIELCh color 79, 78.982, 103.049.

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, 78.982, 103.049

Protanopia

79, 78.185, 95.202

Deuteranopia

79, 76.079, 82.341



Tritanopia
79, 12.787, 341.751

Trichromacy



Original Color
79, 78.982, 103.049

Protanomaly
79, 78.211, 97.853

Deuteranomaly
79, 75.800, 89.977

Tritanomaly
78, 30.485, 94.154

Monochromacy



Original Color
79, 78.982, 103.049

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 34.396, 106.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 78.982, 103.049 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(202, 202, 21)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 21)  
}
```

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(202, 202, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 78.982, 103.049 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(202, 202, 21) }
```

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

```
.border{ border-color:rgb(202, 202, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 202, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 202, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 202, 21);  
box-shadow:4px 4px 4px 4px rgb(202, 202,  
21) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 78.982, 103.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 21) }
```

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

```
.background{ background-color: rgb(202,  
202, 21) }
```

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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