

Converting Colors

CIELCh(79, 83.407, 109.670)

Have a look what the booklet for
CIELCh(79, 83.407, 109.670)
contains.

CIELCh(79, 83.356, 109.702)	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, 83.356, 109.702)

Conversions

Conversions Part 1

Format	Color
Hex	B8CF03
RGB	184, 207, 3
RGB Percent	72%, 81%, 1%
CMY	0.2777, 0.1875, 0.9899
CMYK	0.11, 0.00, 0.99, 0.19
HSL	67°, 98%, 41%
HSV	67°, 99%, 81%
XYZ	42.1799, 54.9284, 8.4523
YIQ	176.8670, 51.7760, -68.3200

Conversions

Conversions Part 2

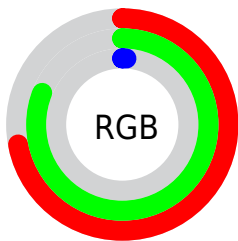
Format	Color
R _Y B	3, 207, 26
Decimal	12111619
CIE Lab	79.00, -28.10, 78.48
CIE LCh	79, 83.356, 109.702
Yxy	54.9284, 0.3996, 0.5203
Android (android.graphics.Color)	4290301699 (0xFFB8CF03)
YUV	176.8670, -85.7164, 6.2556
Hunter-Lab	74.1137, -28.1102, 45.1179

Details

The CIELCh color **79, 83.356, 109.702** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **26, 113.142, 306.572**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 79.484, 107.393**, and **59, 67.524, 113.255** is the 20% darker color. If you saturate the color by 10%, you get **79, 83.613, 109.749**, and if you desaturate by 10%, it is **79, 80.854, 109.394**.

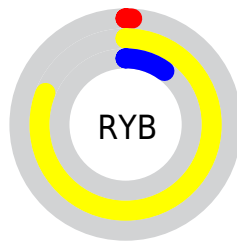
Distribution



Red (72%)

Green (81%)

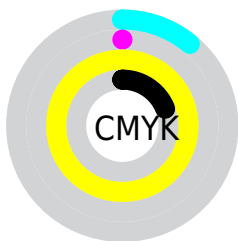
Blue (1%)



Red (1%)

Yellow (81%)

Blue (10%)

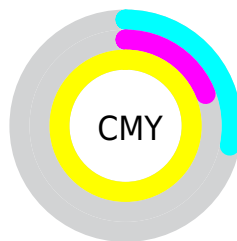


Cyan (11%)

Magenta (0%)

Yellow (99%)

Black (19%)



Cyan (28%)


Magenta (19%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 83.356, 109.702 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, 83.356, 109.702 by changing the saturation by 10% instead.


 79, 83.356,
109.702

 79, 83.356,
109.702


 100, 83.356,
109.702


 69, 83.356,
109.702

 99, 83.356,
109.702

 59, 83.356,
109.702

 49, 83.356,
109.702

 39, 83.356,
109.702

 29, 83.356,
109.702

 19, 83.356,
109.702

 9, 83.356, 109.702

■ 0, 83.356, 109.702

■ 79, 83.356,
109.702

■ 79, 83.356,
109.702

■ 79, 83.613,
109.749

■ 79, 80.854,
109.394

■ 79, 76.212,
109.385

■ 80, 69.501,
109.660

■ 80, 61.212,
110.152

■ 80, 51.837,
110.790

■ 81, 41.761,
111.520

■ 81, 31.254,
112.300

■ 82, 20.491,
113.101

■ 83, 9.590, 113.901

Harmonies

Complementary

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



79, 83.356, 109.702



26, 113.142, 306.572

Rectangle

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



79, 83.356, 109.702



79, 83.356, 159.702



79, 83.356, 289.702



79, 83.356, 339.702

Sweetspot

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



79, 83.356, 109.704



98, 38.546, 112.173



44, 87.130, 40.826



52, 26.208, 111.838



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, 83.356, 109.704



95, 97.806, 109.830



74, 95.867, 130.976



44, 6.260, 113.849



65, 71.616, 109.652



15, 23.636, 111.342

Inverse Universe

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



26, 113.142, 306.572



33, 133.152, 306.594



36, 104.045, 314.402



40, 6.396, 295.383



20, 97.369, 306.706



2, 25.657, 296.063

Previews

White Background



This preview shows how the CIELCh color 79, 83.356, 109.702 looks on a white background.

Color Contrast Check

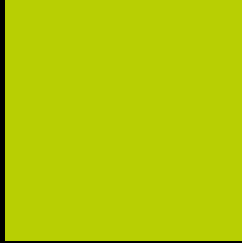
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 83.356, 109.702 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, 83.356, 109.702

Background



This preview shows how black text looks on a background with the CIELCh color 79, 83.356, 109.702.



This preview shows how white text looks on a background with the CIELCh color 79, 83.356, 109.702.

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, 83.263, 109.717

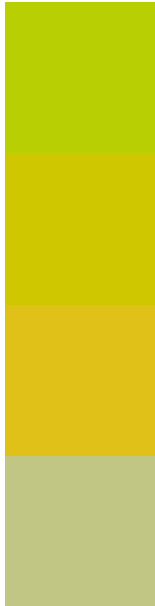
Protanopia
79, 80.261, 95.211

Deuteranopia
79, 76.320, 82.383



Tritanopia
79, 8.442, 308.212

Trichromacy



Original Color
79, 83.263, 109.717

Protanomaly
79, 80.660, 100.667

Deuteranomaly
78, 77.163, 92.788

Tritanomaly
78, 34.186, 109.754

Monochromacy



Original Color
79, 83.263, 109.717

Achromatopsia
72, 0.009, 296.813

Achromatomaly
74, 39.163, 111.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 83.356, 109.702 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(184, 207, 3)` looks like.

```
.text, #text, p{  
    color:rgb(184, 207, 3)  
}
```

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(184, 207, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 207, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 83.356, 109.702 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(184, 207, 3) }
```

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

```
.border{ border-color:rgb(184, 207, 3) }
```

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

Here you see how a box with a 4 pixel rgb(184, 207, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 207, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 207, 3);  
box-shadow:4px 4px 4px 4px rgb(184, 207,  
3) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 83.356, 109.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 207, 3) }
```

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

```
.background{ background-color: rgb(184,  
207, 3) }
```

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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