

Converting Colors

CIELCh(78, 90.547, 107.011)

Have a look what the booklet for
CIELCh(78, 90.547, 107.011)
contains.

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Color

CIELCh(78, 82.379, 108.292)

Conversions

Conversions Part 1

Format	Color
Hex	B9CB00
RGB	185, 203, 0
RGB Percent	73%, 80%, 0%
CMY	0.2734, 0.2026, 1.0000
CMYK	0.09, 0.00, 1.00, 0.20
HSL	65°, 100%, 40%
HSV	65°, 100%, 80%
XYZ	41.4988, 53.2120, 8.0245
YIQ	174.4760, 54.4350, -66.9490

Conversions

Conversions Part 2

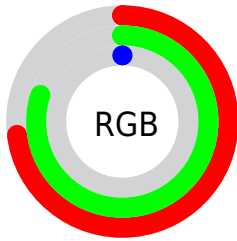
Format	Color
RYB	0, 203, 18
Decimal	12176128
CIELab	78.00, -25.86, 78.22
CIELCh	78, 82.379, 108.292
Yxy	53.2120, 0.4039, 0.5180
Android (android.graphics.Color)	4290366208 (0xFFB9CB00)
YUV	174.4760, -86.0167, 9.2295
Hunter-Lab	72.9466, -26.1091, 44.5403

Details

The CIELCh color **78, 82.379, 108.292** 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 **25, 112.355, 306.545**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 80.175, 107.021**, and **58, 65.850, 111.616** is the 20% darker color. If you saturate the color by 10%, you get **78, 82.182, 108.323**, and if you desaturate by 10%, it is **78, 79.886, 108.098**.

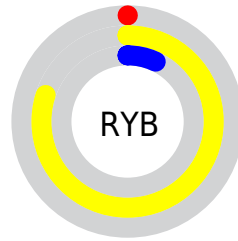
Distribution



Red (73%)

Green (80%)

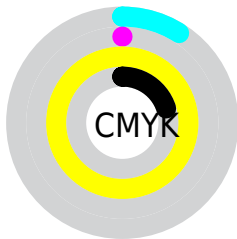
Blue (0%)



Red (0%)

Yellow (80%)

Blue (7%)

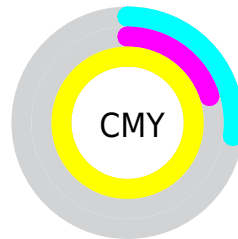


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (27%)


Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 82.379, 108.292 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 78, 82.379, 108.292 by changing the saturation by 10% instead.


 78, 82.379,
108.292


 78, 82.379,
108.292


 100, 82.379,
108.292


 68, 82.379,
108.292

 98, 82.379,
108.292

 58, 82.379,
108.292

 48, 82.379,
108.292

 38, 82.379,
108.292

 28, 82.379,
108.292

 18, 82.379,
108.292

 8, 82.379, 108.292

■ 0, 82.379, 108.292

■ 78, 82.379,
108.292

■ 78, 82.379,
108.292

■ 78, 82.182,
108.323

■ 78, 79.886,
108.098

■ 78, 75.610,
108.133

■ 79, 69.249,
108.439

■ 79, 61.267,
108.954

■ 79, 52.161,
109.616

■ 80, 42.324,
110.371

■ 80, 32.035,
111.179

■ 81, 21.476,
112.011

■ 81, 10.768,
112.843

Harmonies

Complementary

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



78, 82.379, 108.292



25, 112.355, 306.545

Rectangle

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



78, 82.379, 108.292



78, 82.379, 158.292



78, 82.379, 288.292



78, 82.379, 338.292

Sweetspot

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



78, 82.182, 108.323



98, 38.486, 111.146



43, 86.984, 40.846



52, 26.166, 110.797



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 82.182, 108.323



95, 97.484, 108.394



73, 94.481, 130.633



43, 6.125, 112.893



65, 70.592, 108.245



14, 22.008, 110.571

Inverse Universe

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



25, 112.355, 306.545



33, 133.352, 306.500



34, 103.408, 313.886



39, 6.259, 294.492



19, 96.440, 306.599



1, 23.594, 294.738

Previews

White Background



This preview shows how the CIELCh color 78, 82.379, 108.292 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 78, 82.379, 108.292 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 78, 82.379, 108.292

Background



This preview shows how black text looks on a background with the CIELCh color 78, 82.379, 108.292.



This preview shows how white text looks on a background with the CIELCh color 78, 82.379, 108.292.

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


78, 82.080, 108.317

Protanopia

78, 79.366, 95.102

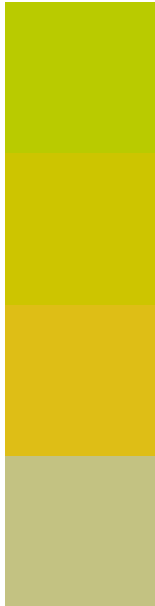
Deuteranopia

78, 75.755, 82.523



Tritanopia
78, 9.022, 317.066

Trichromacy



Original Color
78, 82.080, 108.317

Protanomaly
78, 79.871, 100.312

Deuteranomaly
78, 76.481, 92.314

Tritanomaly
77, 33.742, 106.317

Monochromacy



Original Color
78, 82.080, 108.317

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 39.187, 110.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 82.379, 108.292 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(185, 203, 0)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 203, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 203, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 82.379, 108.292 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(185, 203, 0) }
```

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

```
.border{ border-color:rgb(185, 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(185, 203, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 203, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 203, 0);  
box-shadow:4px 4px 4px 4px rgb(185, 203,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 82.379, 108.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 203, 0) }
```

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

```
.background{ background-color: rgb(185,  
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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