

Converting Colors

CIELCh(78, 72.167, 113.389)

Have a look what the booklet for
CIELCh(78, 72.167, 113.389)
contains.

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Color

CIELCh(78, 72.121, 113.309)

Conversions

Conversions Part 1

Format	Color
Hex	B1CD39
RGB	177, 205, 57
RGB Percent	69%, 80%, 22%
CMY	0.3065, 0.1967, 0.7771
CMYK	0.14, 0.00, 0.72, 0.20
HSL	71°, 60%, 51%
HSV	71°, 72%, 80%
XYZ	40.6247, 53.2120, 11.9793
YIQ	179.7560, 30.8200, -51.9640

Conversions

Conversions Part 2

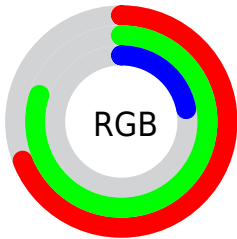
Format	Color
RYB	57, 205, 85
Decimal	11652409
CIELab	78.00, -28.54, 66.23
CIELCh	78, 72.121, 113.309
Yxy	53.2120, 0.3839, 0.5029
Android (android.graphics.Color)	4289842489 (0xFFB1CD39)
YUV	179.7560, -60.5187, -2.4170
Hunter-Lab	72.9466, -28.2480, 41.3260

Details

The CIELCh color **78, 72.121, 113.309** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **36, 88.546, 305.291**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 68.766, 111.364**, and **58, 67.304, 114.821** is the 20% darker color. If you saturate the color by 10%, you get **78, 78.278, 113.312**, and if you desaturate by 10%, it is **78, 64.250, 113.593**.

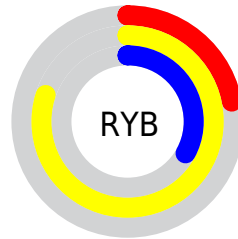
Distribution



Red (69%)

Green (80%)

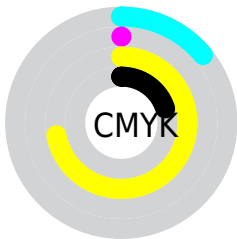
Blue (22%)



Red (22%)

Yellow (80%)

Blue (33%)

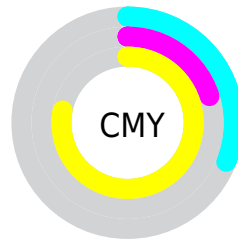


Cyan (14%)

Magenta (0%)

Yellow (72%)

Black (20%)



Cyan (31%)


Magenta (20%)


Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 72.121, 113.309 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, 72.121, 113.309 by changing the saturation by 10% instead.


 78, 72.121,
113.309

 78, 72.121,
113.309


 100, 72.121,
113.309


 68, 72.121,
113.309


 98, 72.121,
113.309

 58, 72.121,
113.309

 48, 72.121,
113.309

 38, 72.121,
113.309

 28, 72.121,
113.309

 18, 72.121,
113.309

 8, 72.121, 113.309

0, 72.121, 113.309

78, 72.121,
113.309

78, 72.121,
113.309

78, 78.278,
113.312

78, 64.250,
113.593

77, 82.292,
113.681

79, 55.164,
114.070

77, 84.138,
114.185

79, 45.281,
114.668

80, 34.900,
115.335

81, 24.221,
116.033

81, 13.376,
116.736

■ 82, 2.454, 117.429

■ 83, 8.484, 298.093

■ 84, 19.398,
298.732

Harmonies

Complementary

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



78, 72.121, 113.309



36, 88.546, 305.291

Rectangle

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



78, 72.121, 113.309



78, 72.121, 163.309



78, 72.121, 293.309



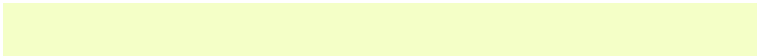
78, 72.121, 343.309

Sweetspot

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



78, 72.121, 113.311



98, 28.603, 116.031



51, 60.996, 40.512



52, 19.194, 115.838



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 72.121, 113.311



94, 95.422, 113.480



74, 81.971, 131.881



43, 6.174, 116.935



64, 71.835, 114.028



14, 22.351, 116.196

Inverse Universe

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



36, 88.546, 305.291



38, 123.701, 306.767



45, 86.066, 317.754



39, 6.302, 298.259



20, 95.522, 307.223



2, 23.706, 297.316

Previews

White Background



This preview shows how the CIELCh color 78, 72.121, 113.309 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, 72.121, 113.309 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, 72.121, 113.309

Background



This preview shows how black text looks on a background with the CIELCh color 78, 72.121, 113.309.




This preview shows how white text looks on a background with the CIELCh color 78, 72.121, 113.309.

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





Tritanopia
78, 8.060, 293.458

Trichromacy



Original Color
78, 72.121, 113.309

Protanomaly
78, 68.779, 101.999

Deuteranomaly
78, 64.845, 93.567

Tritanomaly
77, 23.681, 117.585

Monochromacy



Original Color
78, 72.121, 113.309

Achromatopsia
73, 0.009, 296.813

Achromatomaly
75, 29.019, 115.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 72.121, 113.309 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(177, 205, 57)` looks like.

```
.text, #text, p{  
    color:rgb(177, 205, 57)  
}
```

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(177, 205, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 205, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 72.121, 113.309 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(177, 205, 57) }
```

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

```
.border{ border-color:rgb(177, 205, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 205, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 205, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 205, 57);  
box-shadow:4px 4px 4px 4px rgb(177, 205,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 72.121, 113.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 205, 57) }
```

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

```
.background{ background-color: rgb(177,  
205, 57) }
```

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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