

Converting Colors

CIELCh(72, 61.573, 129.975)

Have a look what the booklet for
CIELCh(72, 61.573, 129.975)
contains.

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Color

CIELCh(72, 61.957, 129.791)

Conversions

Conversions Part 1

Format	Color
Hex	81C255
RGB	129, 194, 85
RGB Percent	51%, 76%, 33%
CMY	0.4959, 0.2410, 0.6683
CMYK	0.34, 0.00, 0.56, 0.24
HSL	96°, 47%, 55%
HSV	96°, 56%, 76%
XYZ	29.7959, 43.6590, 15.3617
YIQ	162.1390, -3.7510, -47.6790

Conversions

Conversions Part 2

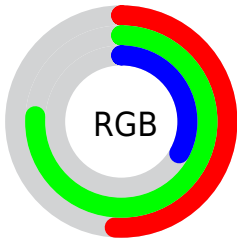
Format	Color
RYB	85, 194, 150
Decimal	8503893
CIELab	72.00, -39.65, 47.61
CIELCh	72, 61.957, 129.791
Yxy	43.6590, 0.3355, 0.4916
Android (android.graphics.Color)	4286693973 (0xFF81C255)
YUV	162.1390, -38.0295, -29.0629
Hunter-Lab	66.0750, -35.1384, 32.4682

Details

The CIELCh color **72, 61.957, 129.791** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **48, 65.905, 314.817**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 61.847, 129.833**, and **52, 62.078, 129.618** is the 20% darker color. If you saturate the color by 10%, you get **71, 71.385, 129.508**, and if you desaturate by 10%, it is **73, 51.659, 130.214**.

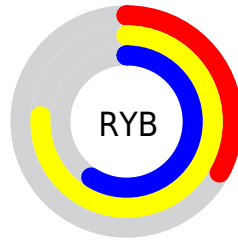
Distribution



Red (51%)

Green (76%)

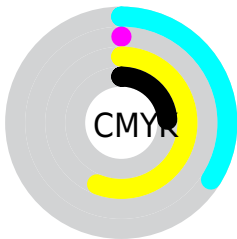
Blue (33%)



Red (33%)

Yellow (76%)

Blue (59%)

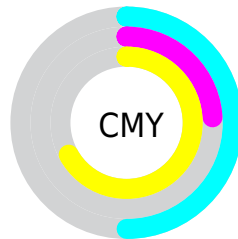


Cyan (34%)

Magenta (0%)

Yellow (56%)

Black (24%)



Cyan (50%)


Magenta (24%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 61.957, 129.791 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 72, 61.957, 129.791 by changing the saturation by 10% instead.


 72, 61.957,
129.791


 72, 61.957,
129.791


 100, 61.957,
129.791


 62, 61.957,
129.791


 92, 61.957,
129.791

 52, 61.957,
129.791

 42, 61.957,
129.791

 32, 61.957,
129.791

 22, 61.957,
129.791

 12, 61.957,
129.791

 2, 61.957, 129.791

0, 61.957, 129.791

72, 61.957,
129.791

72, 61.957,
129.791

71, 71.385,
129.508

73, 51.659,
130.214

71, 79.505,
129.471

74, 40.819,
130.696

70, 85.841,
129.810

75, 29.674,
131.191

70, 90.084,
130.607

76, 18.391,
131.670

69, 91.357,
130.927

77, 7.087, 132.127

79, 4.154, 312.477

80, 15.273,

312.867

■ 82, 26.230,
313.195

■ 83, 35.178,
314.620

Harmonies

Complementary

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



72, 61.957, 129.791



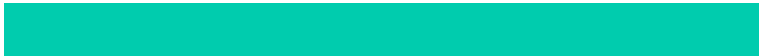
48, 65.905, 314.817

Rectangle

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



72, 61.957, 129.791



72, 61.957, 179.791



72, 61.957, 309.791



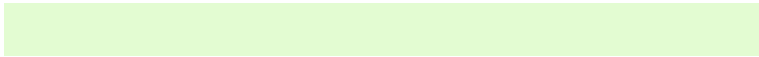
72, 61.957, 359.791

Sweetspot

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



72, 61.958, 129.792



96, 23.799, 131.625



64, 40.985, 76.306



52, 16.052, 131.528



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 61.958, 129.792



90, 90.126, 129.467



70, 65.884, 141.816



40, 6.391, 131.988



58, 79.393, 130.716



10, 21.787, 135.477

Inverse Universe

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



48, 65.905, 314.817



55, 97.032, 315.148



53, 65.174, 329.931



38, 6.460, 312.743



27, 86.450, 314.429



2, 20.613, 308.938

Previews

White Background



This preview shows how the CIELCh color 72, 61.957, 129.791 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 72, 61.957, 129.791 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 72, 61.957, 129.791

Background



This preview shows how black text looks on a background with the CIELCh color 72, 61.957, 129.791.

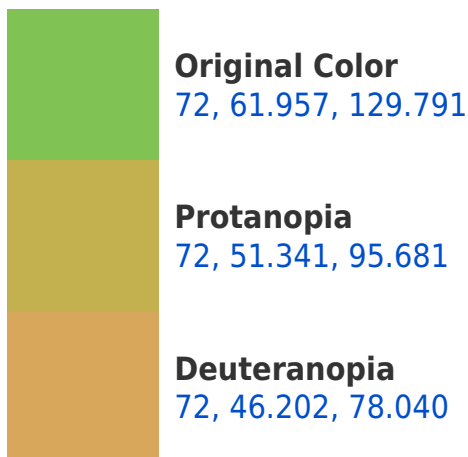


This preview shows how white text looks on a background with the CIELCh color 72, 61.957, 129.791.

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
72, 14.216, 231.220

Trichromacy



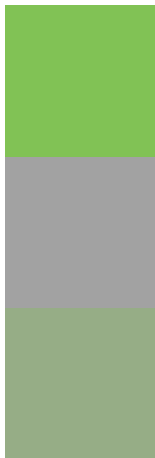
Original Color
72, 61.957, 129.791

Protanomaly
71, 52.462, 110.214

Deuteranomaly
71, 46.384, 101.763

Tritanomaly
72, 24.178, 153.422

Monochromacy



Original Color
72, 61.957, 129.791

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 23.177, 131.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 61.957, 129.791 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(129, 194, 85)` looks like.

```
.text, #text, p{  
    color:rgb(129, 194, 85)  
}
```

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(129, 194, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 194, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 61.957, 129.791 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(129, 194, 85) }
```

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

```
.border{ border-color:rgb(129, 194, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 194, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 194, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 194, 85);  
box-shadow:4px 4px 4px 4px rgb(129, 194,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 61.957, 129.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 194, 85) }
```

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

```
.background{ background-color: rgb(129,  
194, 85) }
```

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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