

Converting Colors

CIELCh(63, 79.001, 125.585)

Have a look what the booklet for
CIELCh(63, 79.001, 125.585)
contains.

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Color

CIELCh(63, 79.028, 125.549)

Conversions

Conversions Part 1

Format	Color
Hex	61AB00
RGB	97, 171, 0
RGB Percent	38%, 67%, 0%
CMY	0.6204, 0.3301, 1.0000
CMYK	0.43, 0.00, 1.00, 0.33
HSL	86°, 100%, 33%
HSV	86°, 100%, 67%
XYZ	19.4355, 31.5869, 5.0606
YIQ	129.3800, 10.7870, -68.8690

Conversions

Conversions Part 2

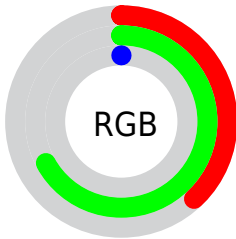
Format	Color
RYB	0, 171, 74
Decimal	6400768
CIELab	63.00, -45.95, 64.30
CIELCh	63, 79.028, 125.549
Yxy	31.5869, 0.3465, 0.5632
Android (android.graphics.Color)	4284590848 (0xFF61AB00)
YUV	129.3800, -63.7843, -28.3973
Hunter-Lab	56.2022, -36.6262, 34.0029

Details

The CIELCh color **63, 79.028, 125.549** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **25, 93.679, 310.551**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 79.059, 125.615**, and **43, 64.802, 132.534** is the 20% darker color. If you saturate the color by 10%, you get **63, 78.980, 125.568**, and if you desaturate by 10%, it is **63, 75.690, 124.619**.

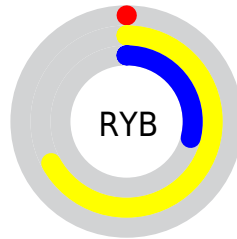
Distribution



Red (38%)

Green (67%)

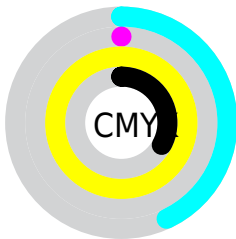
Blue (0%)



Red (0%)

Yellow (67%)

Blue (29%)

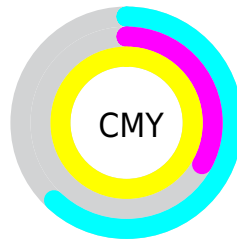


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (62%)


Magenta (33%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 79.028, 125.549 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 63, 79.028, 125.549 by changing the saturation by 10% instead.


 63, 79.028,
125.549


 63, 79.028,
125.549


 100, 79.028,
125.549


 53, 79.028,
125.549


 83, 79.028,
125.549

 43, 79.028,
125.549

 93, 79.028,
125.549

 33, 79.028,
125.549

 23, 79.028,
125.549

 13, 79.028,
125.549

 3, 79.028, 125.549

 0, 79.028, 125.549

■ 63, 79.028,
125.549

■ 63, 79.028,
125.549

■ 63, 78.980,
125.568

■ 63, 75.690,
124.619

■ 64, 70.876,
124.036

■ 64, 64.393,
123.873

■ 65, 56.638,
124.011

■ 66, 48.011,
124.340

■ 66, 38.822,
124.775

■ 67, 29.295,
125.260

■ 68, 19.583,

125.758

■ 69, 9.790, 126.249

Harmonies

Complementary

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



63, 79.028, 125.549



25, 93.679, 310.551

Rectangle

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



63, 79.028, 125.549



63, 79.028, 175.549



63, 79.028, 305.549



63, 79.028, 355.549

Sweetspot

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



63, 78.980, 125.568



85, 36.227, 125.233



43, 65.585, 54.496



45, 24.862, 125.032



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



63, 78.980, 125.568



80, 96.232, 125.860



61, 88.236, 135.622



35, 5.473, 126.284



55, 70.924, 125.374



5, 10.169, 129.397

Inverse Universe

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



25, 93.679, 310.551



33, 114.090, 310.357



38, 86.037, 325.007



33, 5.556, 307.136



21, 84.149, 310.681



1, 9.900, 304.509

Previews

White Background



This preview shows how the CIELCh color 63, 79.028, 125.549 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 63, 79.028, 125.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

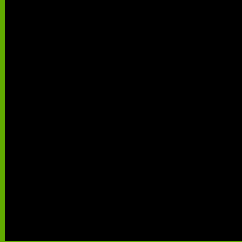
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 79.028, 125.549

Background



This preview shows how black text looks on a background with the CIELCh color 63, 79.028, 125.549.

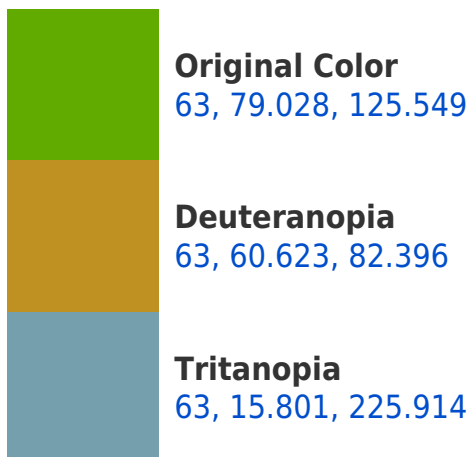


This preview shows how white text looks on a background with the CIELCh color 63, 79.028, 125.549.

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



Trichromacy



Original Color
63, 79.028, 125.549

Deuteranomaly
62, 62.889, 101.970

Tritanomaly
62, 36.516, 141.693

Monochromacy



Original Color
63, 79.028, 125.549

Achromatopsia
54, 0.007, 296.813

Achromatomaly
56, 36.290, 124.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 79.028, 125.549 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(97, 171, 0)` looks like.

```
.text, #text, p{  
    color:rgb(97, 171, 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(97, 171, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 171, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 79.028, 125.549 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(97, 171, 0) }
```

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

```
.border{ border-color:rgb(97, 171, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 171, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 171, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 171, 0);  
box-shadow:4px 4px 4px 4px rgb(97, 171, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 63, 79.028, 125.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 171, 0) }
```

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

```
.background{ background-color: rgb(97, 171,  
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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