

Converting Colors

CIELCh(61, 67.187, 106.662)

Have a look what the booklet for
CIELCh(61, 67.187, 106.662)
contains.

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Color

CIELCh(61, 66.671, 106.403)

Conversions

Conversions Part 1

Format	Color
Hex	919A01
RGB	145, 154, 1
RGB Percent	57%, 60%, 0%
CMY	0.4302, 0.3950, 0.9976
CMYK	0.06, 0.00, 1.00, 0.40
HSL	64°, 99%, 30%
HSV	64°, 100%, 60%
XYZ	23.3319, 29.2481, 4.4326
YIQ	133.8670, 43.7490, -49.4910

Conversions

Conversions Part 2

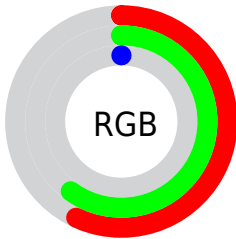
Format	Color
R_{YB}	1, 154, 10
Decimal	9542145
CIE _{Lab}	61.00, -18.83, 63.96
CIE _{LCh}	61, 66.671, 106.403
Yxy	29.2481, 0.4092, 0.5130
Android (android.graphics.Color)	4287732225 (0xFF919A01)
YUV	133.8670, -65.5034, 9.7636
Hunter-Lab	54.0815, -17.6342, 32.9976

Details

The CIELCh color **61, 66.671, 106.403** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **18, 91.413, 306.458**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 66.391, 106.489**, and **41, 50.290, 110.119** is the 20% darker color. If you saturate the color by 10%, you get **61, 66.759, 106.405**, and if you desaturate by 10%, it is **61, 64.335, 106.397**.

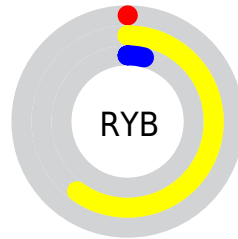
Distribution



Red (57%)

Green (60%)

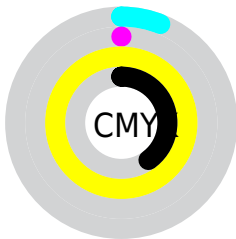
Blue (0%)



Red (0%)

Yellow (60%)

Blue (4%)

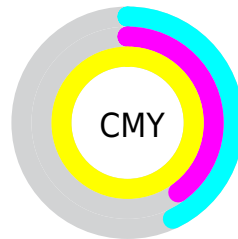


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (43%)


Magenta (40%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 66.671, 106.403 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 61, 66.671, 106.403 by changing the saturation by 10% instead.


 61, 66.671,
106.403


 61, 66.671,
106.403


 100, 66.671,
106.403


 51, 66.671,
106.403


 81, 66.671,
106.403

 41, 66.671,
106.403

 91, 66.671,
106.403

 31, 66.671,
106.403

 21, 66.671,
106.403

 11, 66.671,
106.403

 1, 66.671, 106.403

 0, 66.671, 106.403

■ 61, 66.671,
106.403

■ 61, 66.671,
106.403

■ 61, 66.759,
106.405

■ 61, 64.335,
106.397

■ 61, 60.582,
106.589

■ 61, 55.252,
107.006

■ 62, 48.721,
107.598

■ 62, 41.361,
108.312

■ 62, 33.463,
109.105

■ 62, 25.230,
109.943

■ 63, 16.797,

110.801

■ 63, 8.254, 111.660

Harmonies

Complementary

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



61, 66.671, 106.403



18, 91.413, 306.458

Rectangle

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



61, 66.671, 106.403



61, 66.671, 156.403



61, 66.671, 286.403



61, 66.671, 336.403

Sweetspot

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



61, 66.671, 106.405



80, 31.747, 109.859



32, 70.521, 40.195



42, 21.765, 109.527



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 66.671, 106.405



78, 81.358, 106.475



57, 75.840, 129.351



32, 4.821, 111.693



56, 62.267, 106.376



3, 5.237, 112.754

Inverse Universe

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



18, 91.413, 306.458



25, 111.759, 306.443



25, 84.546, 313.265



30, 4.924, 293.315



15, 85.430, 306.527



0, 5.236, 292.440

Previews

White Background



This preview shows how the CIELCh color 61, 66.671, 106.403 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 66.671, 106.403 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 × Fail

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

CIELCh 61, 66.671, 106.403

Background



This preview shows how black text looks on a background with the CIELCh color 61, 66.671, 106.403.

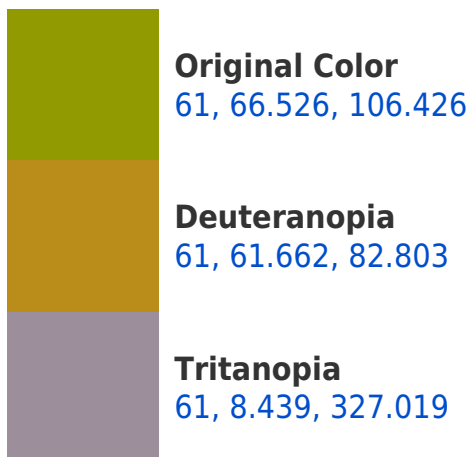


This preview shows how white text looks on a background with the CIELCh color 61, 66.671, 106.403.

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
61, 66.526, 106.426

Deuteranomaly
61, 62.406, 91.847

Tritanomaly
60, 26.746, 102.475

Monochromacy



Original Color
61, 66.526, 106.426

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 31.174, 108.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 66.671, 106.403 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(145, 154, 1)` looks like.

```
.text, #text, p{  
    color:rgb(145, 154, 1)  
}
```

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(145, 154, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 154, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 66.671, 106.403 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(145, 154, 1) }
```

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

```
.border{ border-color:rgb(145, 154, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 154, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 154, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 154, 1);  
box-shadow:4px 4px 4px 4px rgb(145, 154,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 66.671, 106.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 154, 1) }
```

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

```
.background{ background-color: rgb(145,  
154, 1) }
```

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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