

Converting Colors

CIELCh(61, 67.683, 110.236)

Have a look what the booklet for
CIELCh(61, 67.683, 110.236)
contains.

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Color

CIELCh(61, 67.529, 110.218)

Conversions

Conversions Part 1

Format	Color
Hex	899C03
RGB	137, 156, 3
RGB Percent	54%, 61%, 1%
CMY	0.4613, 0.3869, 0.9891
CMYK	0.12, 0.00, 0.98, 0.39
HSL	67°, 97%, 31%
HSV	67°, 98%, 61%
XYZ	22.3379, 29.2481, 4.5475
YIQ	132.8770, 37.7890, -51.6110

Conversions

Conversions Part 2

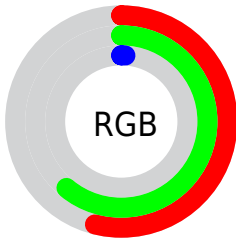
Format	Color
RYB	3, 156, 22
Decimal	9018371
CIELab	61.00, -23.34, 63.37
CIElCh	61, 67.529, 110.218
Yxy	29.2481, 0.3979, 0.5210
Android (android.graphics.Color)	4287208451 (0xFF899C03)
YUV	132.8770, -64.0294, 3.6159
Hunter-Lab	54.0815, -20.9148, 32.8717

Details

The CIELCh color **61, 67.529, 110.218** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **19, 91.121, 306.642**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 67.103, 110.087**, and **41, 51.894, 115.137** is the 20% darker color. If you saturate the color by 10%, you get **61, 67.944, 110.268**, and if you desaturate by 10%, it is **61, 64.997, 109.969**.

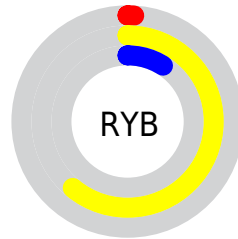
Distribution



Red (54%)

Green (61%)

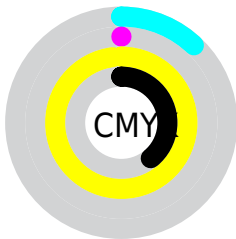
Blue (1%)



Red (1%)

Yellow (61%)

Blue (9%)

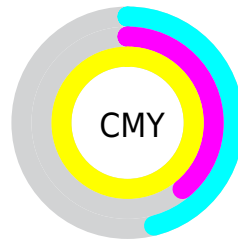


Cyan (12%)

Magenta (0%)

Yellow (98%)

Black (39%)



Cyan (46%)


Magenta (39%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 67.529, 110.218 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, 67.529, 110.218 by changing the saturation by 10% instead.


 61, 67.529,
110.218


 61, 67.529,
110.218


 100, 67.529,
110.218


 51, 67.529,
110.218


 81, 67.529,
110.218

 41, 67.529,
110.218

 91, 67.529,
110.218

 31, 67.529,
110.218

 21, 67.529,
110.218

 11, 67.529,
110.218

 1, 67.529, 110.218

 0, 67.529, 110.218

■ 61, 67.529,
110.218

■ 61, 67.529,
110.218

■ 61, 67.944,
110.268

■ 61, 64.997,
109.969

■ 61, 60.897,
109.994

■ 62, 55.260,
110.288

■ 62, 48.473,
110.781

■ 62, 40.901,
111.407

■ 63, 32.821,
112.116

■ 63, 24.427,
112.869

■ 64, 15.847,

113.640

■ 64, 7.166, 114.408

Harmonies

Complementary

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



61, 67.529, 110.218



19, 91.121, 306.642

Rectangle

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



61, 67.529, 110.218



61, 67.529, 160.218



61, 67.529, 290.218



61, 67.529, 340.218

Sweetspot

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



61, 67.529, 110.220



80, 31.145, 112.767



33, 69.413, 41.106



42, 21.260, 112.466



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, 67.529, 110.220



78, 82.794, 110.408



57, 77.632, 131.084



33, 4.972, 114.329



56, 63.577, 110.212



4, 6.546, 115.974

Inverse Universe

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



19, 91.121, 306.642



25, 112.350, 306.702



27, 83.698, 315.088



31, 5.076, 295.775



16, 86.139, 306.834



0, 6.534, 294.781

Previews

White Background



This preview shows how the CIELCh color 61, 67.529, 110.218 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, 67.529, 110.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

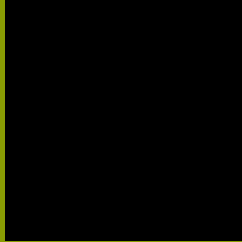
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 67.529, 110.218

Background



This preview shows how black text looks on a background with the CIELCh color 61, 67.529, 110.218.



This preview shows how white text looks on a background with the CIELCh color 61, 67.529, 110.218.

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

61, 67.388, 110.247

Protanopia

61, 64.936, 94.965

Deuteranopia

61, 60.795, 82.556



Tritanopia
61, 6.957, 303.455

Trichromacy



Original Color
61, 67.388, 110.247

Protanomaly
61, 65.137, 100.412

Deuteranomaly
60, 61.704, 93.103

Tritanomaly
60, 26.663, 110.821

Monochromacy



Original Color
61, 67.388, 110.247

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 30.733, 111.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 67.529, 110.218 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(137, 156, 3)` looks like.

```
.text, #text, p{  
    color:rgb(137, 156, 3)  
}
```

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(137, 156, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 156, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 67.529, 110.218 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(137, 156, 3) }
```

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

```
.border{ border-color:rgb(137, 156, 3) }
```

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

Here you see how a box with a 4 pixel rgb(137, 156, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 156, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 156, 3);  
box-shadow:4px 4px 4px 4px rgb(137, 156,  
3) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 67.529, 110.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 156, 3) }
```

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

```
.background{ background-color: rgb(137,  
156, 3) }
```

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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