

Converting Colors

CIELCh(67, 61.570, 105.461)

Have a look what the booklet for
CIELCh(67, 61.570, 105.461)
contains.

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Color

CIELCh(67, 61.655, 105.458)

Conversions

Conversions Part 1

Format	Color
Hex	A5A92D
RGB	165, 169, 45
RGB Percent	65%, 66%, 18%
CMY	0.3524, 0.3367, 0.8229
CMYK	0.02, 0.00, 0.73, 0.34
HSL	62°, 58%, 42%
HSV	62°, 73%, 66%
XYZ	30.2367, 36.6320, 7.9747
YIQ	153.6680, 37.4200, -39.4120

Conversions

Conversions Part 2

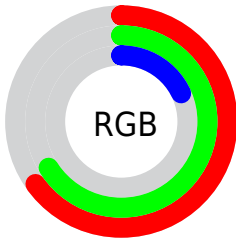
Format	Color
RYB	45, 169, 49
Decimal	10856749
CIELab	67.00, -16.43, 59.42
CIELCh	67, 61.655, 105.458
Yxy	36.6320, 0.4040, 0.4894
Android (android.graphics.Color)	4289046829 (0xFFA5A92D)
YUV	153.6680, -53.5733, 9.9382
Hunter-Lab	60.5244, -16.7426, 34.5550

Details

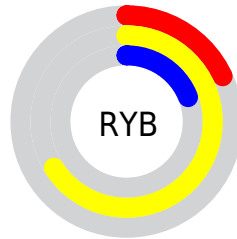
The CIELCh color **67, 61.655, 105.458** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **28, 77.673, 302.734**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 61.610, 105.369**, and **47, 54.680, 106.894** is the 20% darker color. If you saturate the color by 10%, you get **67, 66.700, 105.057**, and if you desaturate by 10%, it is **67, 55.121, 106.046**.

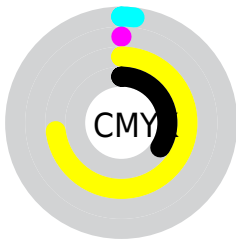
Distribution



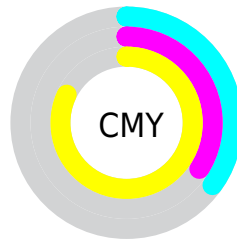
- Red (65%)
- Green (66%)
- Blue (18%)



- Red (18%)
- Yellow (66%)
- Blue (19%)



- Cyan (2%)
- Magenta (0%)
- Yellow (73%)
- Black (34%)





- Cyan (35%)
- Magenta (34%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 61.655, 105.458 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 67, 61.655, 105.458 by changing the saturation by 10% instead.


 67, 61.655,
105.458


 67, 61.655,
105.458


 100, 61.655,
105.458


 57, 61.655,
105.458


 87, 61.655,
105.458

 47, 61.655,
105.458

 97, 61.655,
105.458

 37, 61.655,
105.458

 27, 61.655,
105.458

 17, 61.655,
105.458

 7, 61.655, 105.458

 0, 61.655, 105.458

■ 67, 61.655,
105.458

■ 67, 61.655,
105.458

■ 67, 66.700,
105.057

■ 67, 55.121,
106.046

■ 67, 69.899,
104.873

■ 67, 47.522,
106.767

■ 67, 71.317,
104.834

■ 68, 39.220,
107.580

■ 68, 30.475,
108.448

■ 68, 21.463,
109.346

■ 69, 12.297,
110.251

■ 69, 3.054, 111.139

■ 70, 6.219, 292.043

■ 70, 15.487,
292.892

Harmonies

Complementary

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



67, 61.655, 105.458



28, 77.673, 302.734

Rectangle

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



67, 61.655, 105.458



67, 61.655, 155.458



67, 61.655, 285.458



67, 61.655, 335.458

Sweetspot

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



67, 61.655, 105.460



86, 25.040, 109.428



39, 57.999, 31.869



46, 16.777, 109.196



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 61.655, 105.460



85, 83.660, 104.914



63, 67.772, 126.889



36, 5.213, 110.613



59, 64.619, 104.813



6, 9.565, 111.958

Inverse Universe

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



28, 77.673, 302.734



30, 112.276, 305.378



34, 75.180, 312.943



33, 5.326, 292.339



16, 88.969, 306.412



1, 9.563, 291.270

Previews

White Background



This preview shows how the CIELCh color 67, 61.655, 105.458 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 CIE LCh color 67, 61.655, 105.458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

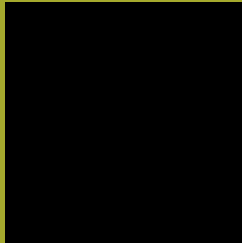
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 61.655, 105.458

Background



This preview shows how black text looks on a background with the CIELCh color 67, 61.655, 105.458.



This preview shows how white text looks on a background with the CIELCh color 67, 61.655, 105.458.

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
67, 61.655, 105.458

Protanopia
67, 60.490, 95.158

Deuteranopia
67, 59.034, 81.804



Tritanopia
67, 9.544, 336.346

Trichromacy



Original Color
67, 61.655, 105.458

Protanomaly
67, 60.739, 98.660

Deuteranomaly
67, 58.560, 90.512

Tritanomaly
67, 20.724, 96.455

Monochromacy



Original Color
67, 61.655, 105.458

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 25.236, 109.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 61.655, 105.458 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(165, 169, 45)` looks like.

```
.text, #text, p{  
    color:rgb(165, 169, 45)  
}
```

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(165, 169, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 169, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 61.655, 105.458 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(165, 169, 45) }
```

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

```
.border{ border-color:rgb(165, 169, 45) }
```

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

Here you see how a box with a 4 pixel rgb(165, 169, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 169, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 169, 45);  
box-shadow:4px 4px 4px 4px rgb(165, 169,  
45) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 61.655, 105.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 169, 45) }
```

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

```
.background{ background-color: rgb(165,  
169, 45) }
```

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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