

Converting Colors

CIELCh(62, 76.017, 104.868)

Have a look what the booklet for
CIELCh(62, 76.017, 104.868)
contains.

CIELCh(62, 67.584, 105.957)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 67.584, 105.957)

Conversions

Conversions Part 1

Format	Color
Hex	959D00
RGB	149, 157, 0
RGB Percent	58%, 62%, 0%
CMY	0.4166, 0.3852, 1.0000
CMYK	0.05, 0.00, 1.00, 0.39
HSL	63°, 100%, 31%
HSV	63°, 100%, 61%
XYZ	24.3658, 30.4025, 4.5696
YIQ	136.7100, 45.6290, -50.5230

Conversions

Conversions Part 2

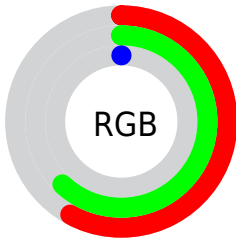
Format	Color
RYB	0, 157, 8
Decimal	9805056
CIELab	62.00, -18.58, 64.98
CIELCh	62, 67.584, 105.957
Yxy	30.4025, 0.4106, 0.5124
Android (android.graphics.Color)	4287995136 (0xFF959D00)
YUV	136.7100, -67.3980, 10.7783
Hunter-Lab	55.1385, -17.6129, 33.6833

Details

The CIELCh color **62, 67.584, 105.957** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **18, 92.760, 306.471**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 67.533, 105.685**, and **42, 51.227, 109.412** is the 20% darker color. If you saturate the color by 10%, you get **62, 67.514, 105.969**, and if you desaturate by 10%, it is **62, 65.215, 105.983**.

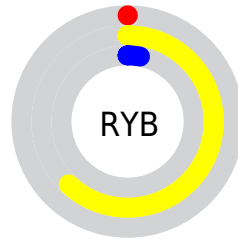
Distribution



Red (58%)

Green (62%)

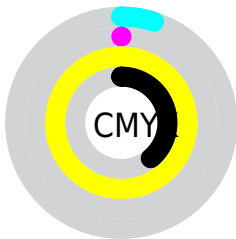
Blue (0%)



Red (0%)

Yellow (62%)

Blue (3%)

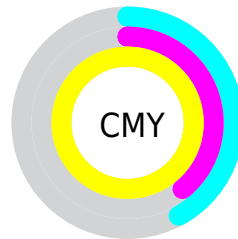


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (42%)


Magenta (39%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 67.584, 105.957 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 62, 67.584, 105.957 by changing the saturation by 10% instead.


 62, 67.584,
105.957


 62, 67.584,
105.957


 100, 67.584,
105.957


 52, 67.584,
105.957


 82, 67.584,
105.957

 42, 67.584,
105.957

 92, 67.584,
105.957

 32, 67.584,
105.957

 22, 67.584,
105.957

 12, 67.584,
105.957

 2, 67.584, 105.957

 0, 67.584, 105.957

■ 62, 67.584,
105.957

■ 62, 67.584,
105.957

■ 62, 67.514,
105.969

■ 62, 65.215,
105.983

■ 62, 61.506,
106.188

■ 62, 56.180,
106.614

■ 63, 49.616,
107.214

■ 63, 42.193,
107.936

■ 63, 34.213,
108.739

■ 63, 25.885,
109.587

■ 64, 17.350,

110.457

■ 64, 8.699, 111.327

Harmonies

Complementary

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



62, 67.584, 105.957



18, 92.760, 306.471

Rectangle

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



62, 67.584, 105.957



62, 67.584, 155.957



62, 67.584, 285.957



62, 67.584, 335.957

Sweetspot

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



62, 67.514, 105.969



80, 32.064, 109.537



33, 71.639, 40.343



42, 21.759, 109.203



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 67.514, 105.969



79, 82.080, 106.029



57, 76.890, 129.399



33, 4.953, 111.391



57, 63.055, 105.944



4, 6.514, 112.650

Inverse Universe

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



18, 92.760, 306.471



25, 112.857, 306.421



25, 85.728, 313.236



31, 5.059, 293.044



16, 86.606, 306.493



0, 6.512, 292.087

Previews

White Background



This preview shows how the CIELCh color 62, 67.584, 105.957 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 62, 67.584, 105.957 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 62, 67.584, 105.957

Background



This preview shows how black text looks on a background with the CIELCh color 62, 67.584, 105.957.



This preview shows how white text looks on a background with the CIELCh color 62, 67.584, 105.957.

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
62, 67.584, 105.957

Protanopia
62, 65.877, 95.108

Deuteranopia
62, 62.508, 82.672



Tritanopia
62, 8.215, 331.539

Trichromacy



Original Color
62, 67.584, 105.957

Protanomaly
62, 66.032, 98.815

Deuteranomaly
62, 63.177, 91.572

Tritanomaly
61, 27.775, 101.689

Monochromacy



Original Color
62, 67.584, 105.957

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 31.610, 108.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 67.584, 105.957 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(149, 157, 0)` looks like.

```
.text, #text, p{  
    color:rgb(149, 157, 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(149, 157, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 157, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 67.584, 105.957 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(149, 157, 0) }
```

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

```
.border{ border-color:rgb(149, 157, 0) }
```

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

Here you see how a box with a 4 pixel rgb(149, 157, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 157, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 157, 0);  
box-shadow:4px 4px 4px 4px rgb(149, 157,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 67.584, 105.957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 157, 0) }
```

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

```
.background{ background-color: rgb(149,  
157, 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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