

Converting Colors

CIELCh(62, 86.877, 102.111)

Have a look what the booklet for
CIELCh(62, 86.877, 102.111)
contains.

CIELCh(62, 67.158, 104.028)	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, 67.158, 104.028)

Conversions

Conversions Part 1

Format	Color
Hex	999C00
RGB	153, 156, 0
RGB Percent	60%, 61%, 0%
CMY	0.4014, 0.3895, 1.0000
CMYK	0.02, 0.00, 1.00, 0.39
HSL	61°, 100%, 31%
HSV	61°, 100%, 61%
XYZ	24.8992, 30.4025, 4.5351
YIQ	137.3190, 48.2880, -49.1520

Conversions

Conversions Part 2

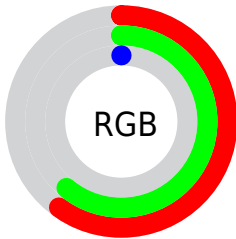
Format	Color
RYB	0, 156, 3
Decimal	10066944
CIELab	62.00, -16.28, 65.16
CIELCh	62, 67.158, 104.028
Yxy	30.4025, 0.4161, 0.5081
Android (android.graphics.Color)	4288257024 (0xFF999C00)
YUV	137.3190, -67.6983, 13.7522
Hunter-Lab	55.1385, -15.8861, 33.7204

Details

The CIELCh color **62, 67.158, 104.028** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **18, 92.451, 306.358**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 67.128, 103.881**, and **42, 50.668, 107.296** is the 20% darker color. If you saturate the color by 10%, you get **62, 67.056, 104.042**, and if you desaturate by 10%, it is **62, 64.776, 104.192**.

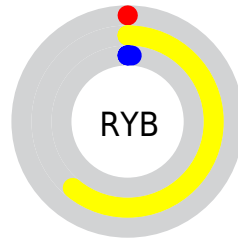
Distribution



Red (60%)

Green (61%)

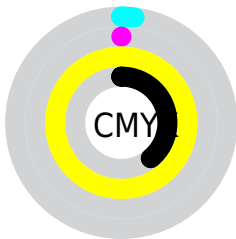
Blue (0%)



Red (0%)

Yellow (61%)

Blue (1%)

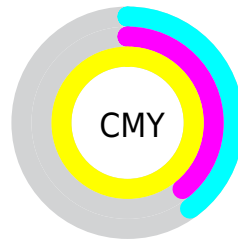


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (40%)


Magenta (39%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 67.158, 104.028 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, 67.158, 104.028 by changing the saturation by 10% instead.

 62, 67.158,
104.028


 62, 67.158,
104.028


 100, 67.158,
104.028

 52, 67.158,
104.028


 82, 67.158,
104.028

 42, 67.158,
104.028

 92, 67.158,
104.028

 32, 67.158,
104.028

 22, 67.158,
104.028

 12, 67.158,
104.028

 2, 67.158, 104.028

 0, 67.158, 104.028

■ 62, 67.158,
104.028

■ 62, 67.158,
104.028

■ 62, 67.056,
104.042

■ 62, 64.776,
104.192

■ 62, 61.100,
104.506

■ 62, 55.815,
105.015

■ 62, 49.295,
105.678

■ 63, 41.921,
106.454

■ 63, 33.991,
107.305

■ 63, 25.716,
108.199

■ 63, 17.236,

109.115

■ 64, 8.641, 110.031

Harmonies

Complementary

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



62, 67.158, 104.028



18, 92.451, 306.358

Rectangle

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



62, 67.158, 104.028



62, 67.158, 154.028



62, 67.158, 284.028



62, 67.158, 334.028

Sweetspot

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



62, 67.056, 104.042



80, 31.713, 108.147



32, 71.687, 39.843



42, 21.742, 107.793



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, 67.056, 104.042



78, 81.174, 104.065



57, 75.698, 128.369



33, 4.949, 110.098



57, 62.954, 104.033



4, 6.506, 111.129

Inverse Universe

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



18, 92.451, 306.358



25, 111.949, 306.339



24, 85.886, 312.432



30, 5.055, 291.847



15, 86.785, 306.365



0, 6.507, 290.904

Previews

White Background



This preview shows how the CIELCh color 62, 67.158, 104.028 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 62, 67.158, 104.028 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, 67.158, 104.028

Background



This preview shows how black text looks on a background with the CIELCh color 62, 67.158, 104.028.



This preview shows how white text looks on a background with the CIELCh color 62, 67.158, 104.028.

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, 67.158, 104.028

Protanopia

62, 65.877, 95.108

Deuteranopia

62, 62.760, 82.723



Tritanopia
62, 9.313, 338.898

Trichromacy



Original Color
62, 67.158, 104.028

Protanomaly
62, 66.069, 98.412

Deuteranomaly
62, 63.585, 90.758

Tritanomaly
61, 28.036, 98.118

Monochromacy



Original Color
62, 67.158, 104.028

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 31.583, 107.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 67.158, 104.028 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(153, 156, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 156, 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(153, 156, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 156, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 67.158, 104.028 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(153, 156, 0) }
```

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

```
.border{ border-color:rgb(153, 156, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 156, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 156, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 156, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 156,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 67.158, 104.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 156, 0) }
```

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

```
.background{ background-color: rgb(153,  
156, 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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