

Converting Colors

CIELCh(61, 57.848, 105.118)

Have a look what the booklet for
CIELCh(61, 57.848, 105.118)
contains.

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Color

CIELCh(61, 57.933, 105.079)

Conversions

Conversions Part 1

Format	Color
Hex	969926
RGB	150, 153, 38
RGB Percent	59%, 60%, 15%
CMY	0.4133, 0.4014, 0.8526
CMYK	0.02, 0.00, 0.75, 0.40
HSL	62°, 60%, 37%
HSV	62°, 75%, 60%
XYZ	24.1818, 29.2481, 6.1702
YIQ	138.9930, 35.1270, -36.4010

Conversions

Conversions Part 2

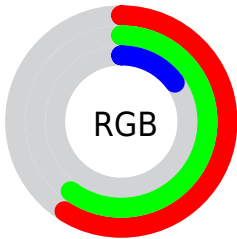
Format	Color
RYB	38, 153, 41
Decimal	9869606
CIELab	61.00, -15.07, 55.94
CIELCh	61, 57.933, 105.079
Yxy	29.2481, 0.4057, 0.4907
Android (android.graphics.Color)	4288059686 (0xFF969926)
YUV	138.9930, -49.7895, 9.6531
Hunter-Lab	54.0815, -14.8291, 31.0926

Details

The CIELCh color **61, 57.933, 105.079** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **24, 73.481, 302.936**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 58.000, 104.986**, and **41, 49.608, 106.847** is the 20% darker color. If you saturate the color by 10%, you get **61, 62.347, 104.692**, and if you desaturate by 10%, it is **61, 52.104, 105.652**.

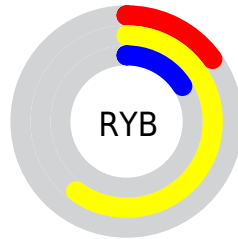
Distribution



Red (59%)

Green (60%)

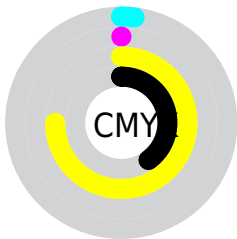
Blue (15%)



Red (15%)

Yellow (60%)

Blue (16%)

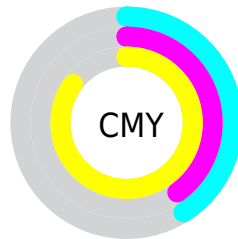


Cyan (2%)

Magenta (0%)

Yellow (75%)

Black (40%)



Cyan (41%)


Magenta (40%)


Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 57.933, 105.079 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, 57.933, 105.079 by changing the saturation by 10% instead.


 61, 57.933,
105.079


 61, 57.933,
105.079


 100, 57.933,
105.079


 51, 57.933,
105.079


 81, 57.933,
105.079

 41, 57.933,
105.079

 91, 57.933,
105.079

 31, 57.933,
105.079

 21, 57.933,
105.079

 11, 57.933,
105.079

 1, 57.933, 105.079

 0, 57.933, 105.079

■ 61, 57.933,
105.079

■ 61, 57.933,
105.079

■ 61, 62.347,
104.692

■ 61, 52.104,
105.652

■ 61, 65.085,
104.511

■ 61, 45.247,
106.360

■ 61, 66.111,
104.457

■ 62, 37.701,
107.163

■ 62, 29.716,
108.026

■ 62, 21.464,
108.921

■ 62, 13.057,
109.828

■ 63, 4.568, 110.725

■ 63, 3.956, 291.633

■ 64, 12.482,
292.488

Harmonies

Complementary

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



61, 57.933, 105.079



24, 73.481, 302.936

Rectangle

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



61, 57.933, 105.079



61, 57.933, 155.079



61, 57.933, 285.079



61, 57.933, 335.079

Sweetspot

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



61, 57.933, 105.081



79, 24.168, 109.094



35, 54.915, 32.326



41, 16.655, 108.793



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 57.933, 105.081



77, 78.205, 104.554



57, 63.758, 126.904



32, 4.816, 110.382



56, 62.148, 104.445



3, 5.231, 111.350

Inverse Universe

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



24, 73.481, 302.936



26, 105.475, 305.511



30, 70.858, 312.966



29, 4.920, 292.101



15, 85.613, 306.395



0, 5.232, 291.196

Previews

White Background



This preview shows how the CIELCh color 61, 57.933, 105.079 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 CIELCh color 61, 57.933, 105.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

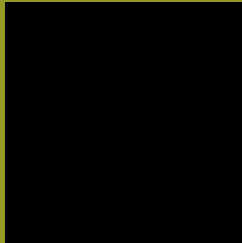
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 57.933, 105.079

Background



This preview shows how black text looks on a background with the CIELCh color 61, 57.933, 105.079.



This preview shows how white text looks on a background with the CIELCh color 61, 57.933, 105.079.

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, 57.933, 105.079

Protanopia

61, 57.014, 95.275

Deuteranopia

61, 55.516, 82.312



Tritanopia
61, 9.346, 338.913

Trichromacy



Original Color
61, 57.933, 105.079

Protanomaly
61, 56.944, 99.074

Deuteranomaly
61, 55.274, 91.284

Tritanomaly
61, 20.026, 95.681

Monochromacy



Original Color
61, 57.933, 105.079

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 23.477, 108.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 57.933, 105.079 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(150, 153, 38)` looks like.

```
.text, #text, p{  
    color:rgb(150, 153, 38)  
}
```

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(150, 153, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 153, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 57.933, 105.079 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(150, 153, 38) }
```

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

```
.border{ border-color:rgb(150, 153, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 153, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 153, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 153, 38);  
box-shadow:4px 4px 4px 4px rgb(150, 153,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 57.933, 105.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 153, 38) }
```

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

```
.background{ background-color: rgb(150,  
153, 38) }
```

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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