

Converting Colors

CIELCh(61, 82.967, 102.840)

Have a look what the booklet for
CIELCh(61, 82.967, 102.840)
contains.

CIELCh(61, 66.560, 104.833)	3
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Color

CIELCh(61, 66.560, 104.833)

Conversions

Conversions Part 1

Format	Color
Hex	949900
RGB	148, 153, 0
RGB Percent	58%, 60%, 0%
CMY	0.4181, 0.3983, 1.0000
CMYK	0.03, 0.00, 1.00, 0.40
HSL	62°, 100%, 30%
HSV	62°, 100%, 60%
XYZ	23.7339, 29.2481, 4.3587
YIQ	134.0630, 46.1330, -48.6430

Conversions

Conversions Part 2

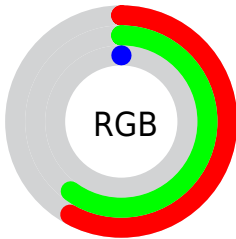
Format	Color
RYB	0, 153, 5
Decimal	9738496
CIELab	61.00, -17.04, 64.34
CIELCh	61, 66.560, 104.833
Yxy	29.2481, 0.4139, 0.5101
Android (android.graphics.Color)	4287928576 (0xFF949900)
YUV	134.0630, -66.0931, 12.2227
Hunter-Lab	54.0815, -16.3074, 33.0786

Details

The CIELCh color **61, 66.560, 104.833** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17, 91.393, 306.409**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 66.341, 104.624**, and **41, 49.703, 107.970** is the 20% darker color. If you saturate the color by 10%, you get **61, 66.379, 104.859**, and if you desaturate by 10%, it is **61, 64.085, 104.956**.

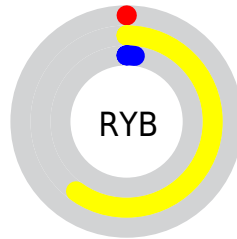
Distribution



Red (58%)

Green (60%)

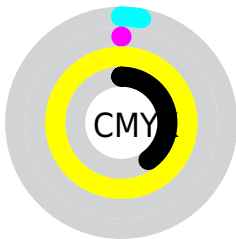
Blue (0%)



Red (0%)

Yellow (60%)

Blue (2%)

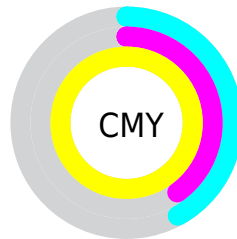


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (42%)


Magenta (40%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 66.560, 104.833 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, 66.560, 104.833 by changing the saturation by 10% instead.


 61, 66.560,
104.833


 61, 66.560,
104.833


 100, 66.560,
104.833


 51, 66.560,
104.833


 81, 66.560,
104.833

 41, 66.560,
104.833

 91, 66.560,
104.833

 31, 66.560,
104.833

 21, 66.560,
104.833

 11, 66.560,
104.833

 1, 66.560, 104.833

 0, 66.560, 104.833

■ 61, 66.560,
104.833

■ 61, 66.560,
104.833

■ 61, 66.379,
104.859

■ 61, 64.085,
104.956

■ 61, 60.428,
105.226

■ 61, 55.187,
105.700

■ 61, 48.733,
106.337

■ 62, 41.439,
107.090

■ 62, 33.599,
107.919

■ 62, 25.419,
108.793

■ 63, 17.037,

109.687

■ 63, 8.542, 110.582

Harmonies

Complementary

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



61, 66.560, 104.833



17, 91.393, 306.409

Rectangle

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



61, 66.560, 104.833



61, 66.560, 154.833



61, 66.560, 284.833



61, 66.560, 334.833

Sweetspot

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



61, 66.379, 104.859



79, 31.395, 108.741



32, 70.857, 39.786



41, 21.301, 108.401



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, 66.379, 104.859



77, 80.449, 104.898



56, 74.879, 128.349



32, 4.817, 110.651



56, 62.166, 104.843



3, 5.232, 111.641

Inverse Universe

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



17, 91.393, 306.409



24, 110.821, 306.376



24, 84.963, 312.446



30, 4.920, 292.350



15, 85.575, 306.422



0, 5.232, 291.451

Previews

White Background



This preview shows how the CIELCh color 61, 66.560, 104.833 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, 66.560, 104.833 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, 66.560, 104.833

Background



This preview shows how black text looks on a background with the CIELCh color 61, 66.560, 104.833.



This preview shows how white text looks on a background with the CIELCh color 61, 66.560, 104.833.

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, 66.244, 104.845

Protanopia

61, 65.181, 95.422

Deuteranopia

61, 61.918, 82.856



Tritanopia
61, 8.771, 335.444

Trichromacy



Original Color
61, 66.244, 104.845

Protanomaly
61, 65.399, 98.766

Deuteranomaly
61, 62.702, 91.438

Tritanomaly
61, 27.429, 99.773

Monochromacy



Original Color
61, 66.244, 104.845

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 31.157, 108.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 66.560, 104.833 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(148, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 153, 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(148, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 153, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 66.560, 104.833 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(148, 153, 0) }
```

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

```
.border{ border-color:rgb(148, 153, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 153, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 153,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 66.560, 104.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 153, 0) }
```

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

```
.background{ background-color: rgb(148,  
153, 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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