

Converting Colors

CIELCh(61, 66.208, 104.004)

Have a look what the booklet for
CIELCh(61, 66.208, 104.004)
contains.

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Color

CIELCh(61, 66.209, 104.050)

Conversions

Conversions Part 1

Format	Color
Hex	969900
RGB	150, 153, 0
RGB Percent	59%, 60%, 0%
CMY	0.4119, 0.4001, 1.0000
CMYK	0.02, 0.00, 1.00, 0.40
HSL	61°, 100%, 30%
HSV	61°, 100%, 60%
XYZ	23.9530, 29.2481, 4.3804
YIQ	134.6610, 47.3250, -48.2190

Conversions

Conversions Part 2

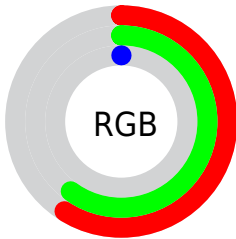
Format	Color
RYB	0, 153, 3
Decimal	9869568
CIELab	61.00, -16.07, 64.23
CIELCh	61, 66.209, 104.050
Yxy	29.2481, 0.4160, 0.5079
Android (android.graphics.Color)	4288059648 (0xFF969900)
YUV	134.6610, -66.3879, 13.4523
Hunter-Lab	54.0815, -15.5841, 33.0548

Details

The CIELCh color **61, 66.209, 104.050** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17, 91.264, 306.360**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 66.344, 103.881**, and **41, 49.608, 106.847** is the 20% darker color. If you saturate the color by 10%, you get **61, 66.197, 104.053**, and if you desaturate by 10%, it is **61, 63.911, 104.207**.

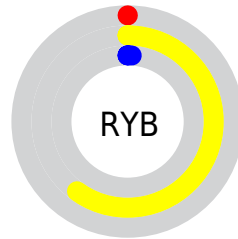
Distribution



Red (59%)

Green (60%)

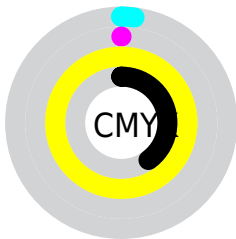
Blue (0%)



Red (0%)

Yellow (60%)

Blue (1%)

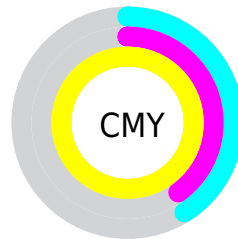


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (41%)


Magenta (40%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 66.209, 104.050 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, 66.209, 104.050 by changing the saturation by 10% instead.


 61, 66.209,
104.050


 61, 66.209,
104.050


 100, 66.209,
104.050


 51, 66.209,
104.050


 81, 66.209,
104.050

 41, 66.209,
104.050

 91, 66.209,
104.050

 31, 66.209,
104.050

 21, 66.209,
104.050

 11, 66.209,
104.050

 1, 66.209, 104.050

 0, 66.209, 104.050

■ 61, 66.209,
104.050

■ 61, 66.209,
104.050

■ 61, 66.197,
104.053

■ 61, 63.911,
104.207

■ 61, 60.265,
104.523

■ 61, 55.040,
105.032

■ 61, 48.604,
105.695

■ 62, 41.329,
106.470

■ 62, 33.509,
107.319

■ 62, 25.351,
108.213

■ 62, 16.991,

109.126

■ 63, 8.518, 110.041

Harmonies

Complementary

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



61, 66.209, 104.050



17, 91.264, 306.360

Rectangle

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



61, 66.209, 104.050



61, 66.209, 154.050



61, 66.209, 284.050



61, 66.209, 334.050

Sweetspot

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



61, 66.197, 104.053



79, 31.387, 108.159



31, 70.687, 39.773



41, 21.295, 107.812



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, 66.197, 104.053



78, 80.405, 104.077



56, 74.711, 128.345



32, 4.816, 110.111



56, 62.134, 104.044



3, 5.230, 111.056

Inverse Universe

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



17, 91.264, 306.360



24, 110.886, 306.340



24, 84.773, 312.449



29, 4.919, 291.851



15, 85.651, 306.368



0, 5.231, 290.939

Previews

White Background



This preview shows how the CIELCh color 61, 66.209, 104.050 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, 66.209, 104.050 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, 66.209, 104.050

Background



This preview shows how black text looks on a background with the CIELCh color 61, 66.209, 104.050.



This preview shows how white text looks on a background with the CIELCh color 61, 66.209, 104.050.

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, 66.209, 104.050

Protanopia

61, 65.181, 95.422

Deuteranopia

61, 61.918, 82.856



Tritanopia
61, 9.346, 338.913

Trichromacy



Original Color
61, 66.209, 104.050

Protanomaly
61, 65.399, 98.766

Deuteranomaly
61, 62.813, 91.020

Tritanomaly
60, 27.593, 97.945

Monochromacy



Original Color
61, 66.209, 104.050

Achromatopsia
56, 0.007, 296.813

Achromatomaly
58, 31.125, 108.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 66.209, 104.050 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 153, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 66.209, 104.050 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, 0) }
```

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

```
.border{ border-color:rgb(150, 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(150, 153, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 153,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 66.209, 104.050 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, 0) }
```

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

```
.background{ background-color: rgb(150,  
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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