

Converting Colors

CIELCh(61, 13.576, 99.546)

Have a look what the booklet for
CIELCh(61, 13.576, 99.546) contains.

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Color

CIELCh(61, 13.571, 99.928)

Conversions

Conversions Part 1

Format	Color
Hex	99947C
RGB	153, 148, 124
RGB Percent	60%, 58%, 49%
CMY	0.4014, 0.4210, 0.5151
CMYK	0.00, 0.03, 0.19, 0.40
HSL	50°, 12%, 54%
HSV	50°, 19%, 60%
XYZ	27.2157, 29.2481, 23.1624
YIQ	146.7590, 10.6840, -6.4040

Conversions

Conversions Part 2

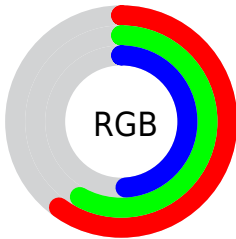
Format	Color
RYB	130, 153, 124
Decimal	10065020
CIELab	61.00, -2.34, 13.37
CIELCh	61, 13.571, 99.928
Yxy	29.2481, 0.3418, 0.3673
Android (android.graphics.Color)	4288255100 (0xFF99947C)
YUV	146.7590, -11.2202, 5.4734
Hunter-Lab	54.0815, -4.8154, 12.4640

Details

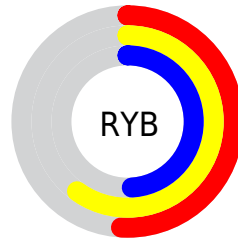
The CIELCh color $61, 13.571, 99.928$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 13.906, 284.362$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 13.398, 99.087$, and $41, 13.434, 98.436$ is the 20% darker color. If you saturate the color by 10%, you get $60, 20.743, 98.803$, and if you desaturate by 10%, it is $62, 6.406, 101.034$.

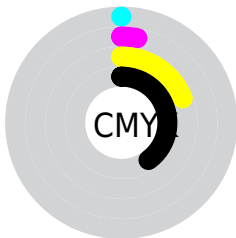
Distribution



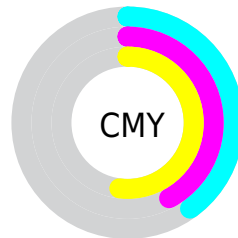
- Red (60%)
- Green (58%)
- Blue (49%)



- Red (51%)
- Yellow (60%)
- Blue (49%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 13.571, 99.928 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, 13.571, 99.928 by changing the saturation by 10% instead.

■ 61, 13.571, 99.928

■ 61, 13.571, 99.928

■ 100, 13.571,
99.928

■ 51, 13.571, 99.928

■ 81, 13.571, 99.928

■ 41, 13.571, 99.928

■ 91, 13.571, 99.928

■ 31, 13.571, 99.928

■ 21, 13.571, 99.928

■ 11, 13.571, 99.928

■ 1, 13.571, 99.928

■ 0, 13.571, 99.928

■ 61, 13.571, 99.928

■ 61, 13.571, 99.928

■ 60, 20.743, 98.803

■ 62, 6.406, 101.034

■ 59, 27.865, 97.651

■ 63, 0.726, 282.288

■ 58, 34.843, 96.489

■ 64, 7.805, 283.181

■ 57, 41.520, 95.324

■ 66, 14.822,
284.170

■ 56, 47.643, 94.160

■ 67, 21.775,
285.120

■ 55, 52.829, 92.994

■ 55, 56.594, 91.805

■ 68, 28.660,
286.025

■ 54, 58.884, 90.576

■ 69, 35.479,
286.885

■ 54, 59.115, 90.455

■ 71, 42.231,
287.698

■ 72, 45.715,
287.636

Harmonies

Complementary

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



61, 13.571, 99.928



54, 13.906, 284.362

Rectangle

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



61, 13.571, 99.928



61, 13.571, 149.928



61, 13.571, 279.928



61, 13.571, 329.928

Sweetspot

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



61, 13.572, 99.935



79, 5.297, 101.338



55, 12.166, 6.350



42, 3.506, 101.277



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, 13.572, 99.935



77, 20.412, 99.432



62, 16.581, 121.388



32, 4.035, 101.008



50, 55.611, 90.560



3, 4.301, 101.247

Inverse Universe

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



54, 13.906, 284.362



67, 21.044, 285.015



54, 17.171, 303.561



30, 4.088, 283.088



18, 75.782, 302.747



1, 4.378, 282.184

Previews

White Background



This preview shows how the CIELCh color 61, 13.571, 99.928 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, 13.571, 99.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

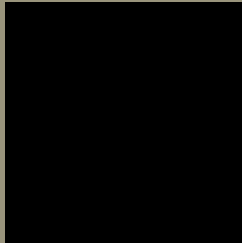
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

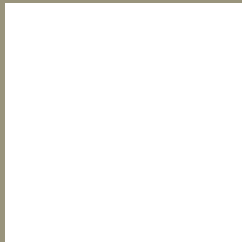
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 13.571, 99.928

Background



This preview shows how black text looks on a background with the CIELCh color 61, 13.571, 99.928.



This preview shows how white text looks on a background with the CIELCh color 61, 13.571, 99.928.

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, 13.571, 99.928

Protanopia

61, 13.832, 94.802

Deuteranopia

61, 14.863, 59.756



Tritanopia
61, 8.672, 329.101

Trichromacy



Original Color
61, 13.571, 99.928

Protanomaly
61, 13.738, 96.489

Deuteranomaly
61, 13.308, 72.579

Tritanomaly
61, 3.971, 27.781

Monochromacy



Original Color
61, 13.571, 99.928

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.059, 105.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 13.571, 99.928 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, 148, 124)` looks like.

```
.text, #text, p{  
    color:rgb(153, 148, 124)  
}
```

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, 148, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 148, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 13.571, 99.928 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, 148, 124) }
```

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

```
.border{ border-color:rgb(153, 148, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 148, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 148, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 148, 124);  
box-shadow:4px 4px 4px 4px rgb(153, 148,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 13.571, 99.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 148, 124) }
```

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

```
.background{ background-color: rgb(153,  
148, 124) }
```

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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