

Converting Colors

CIELCh(61, 9.883, 85.026)

Have a look what the booklet for
CIELCh(61, 9.883, 85.026) contains.

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Color

CIELCh(61, 9.851, 84.701)

Conversions

Conversions Part 1

Format	Color
Hex	9C9282
RGB	156, 146, 130
RGB Percent	61%, 57%, 51%
CMY	0.3881, 0.4273, 0.4901
CMYK	0.00, 0.06, 0.17, 0.39
HSL	37°, 12%, 56%
HSV	37°, 17%, 61%
XYZ	28.0287, 29.2481, 25.2961
YIQ	147.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

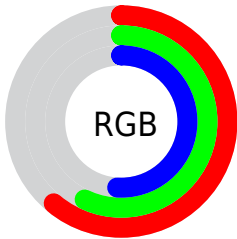
Format	Color
RYB	146, 156, 130
Decimal	10261122
CIELab	61.00, 0.91, 9.81
CIELCh	61, 9.851, 84.701
Yxy	29.2481, 0.3394, 0.3542
Android (android.graphics.Color)	4288451202 (0xFF9C9282)
YUV	147.1660, -8.4628, 7.7474
Hunter-Lab	54.0815, -2.1320, 10.1248

Details

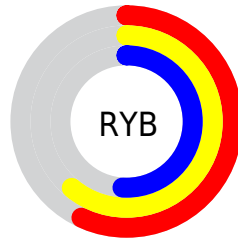
The CIELCh color $61, 9.851, 84.701$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 9.719, 269.129$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 9.914, 84.352$, and $41, 9.919, 84.871$ is the 20% darker color. If you saturate the color by 10%, you get $59, 15.985, 83.420$, and if you desaturate by 10%, it is $63, 3.882, 85.938$.

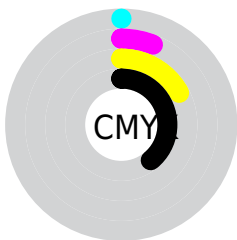
Distribution



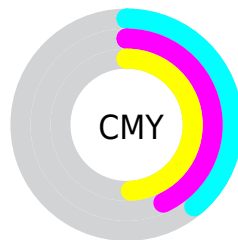
- Red (61%)
- Green (57%)
- Blue (51%)



- Red (57%)
- Yellow (61%)
- Blue (51%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (39%)



- Cyan (39%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 9.851, 84.701 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, 9.851, 84.701 by changing the saturation by 10% instead.

■ 61, 9.851, 84.701 ■ 61, 9.851, 84.701

■ 100, 9.851, 84.701 ■ 51, 9.851, 84.701

■ 81, 9.851, 84.701 ■ 41, 9.851, 84.701

■ 91, 9.851, 84.701 ■ 31, 9.851, 84.701

■ 21, 9.851, 84.701

■ 11, 9.851, 84.701

■ 1, 9.851, 84.701

■ 0, 9.851, 84.701

■ 61, 9.851, 84.701 ■ 61, 9.851, 84.701

■ 59, 15.985, 83.420 ■ 63, 3.882, 85.938

57, 22.272, 82.087

65, 1.928, 267.337

55, 28.680, 80.716

67, 7.587, 268.421

53, 35.132, 79.298

69, 13.107,
269.533

52, 41.471, 77.808

71, 18.500,
270.602

50, 47.403, 76.185

48, 52.433, 74.305

73, 23.777,
271.623

47, 56.038, 72.020

76, 28.950,
272.594

46, 57.229, 71.294

78, 34.029,
273.516

79, 31.616,
267.973

Harmonies

Complementary

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



61, 9.851, 84.701



58, 9.719, 269.129

Rectangle

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



61, 9.851, 84.701



61, 9.851, 134.701



61, 9.851, 264.701



61, 9.851, 314.701

Sweetspot

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



61, 9.852, 84.712



81, 3.614, 86.113



57, 11.888, 350.927



42, 2.463, 86.042



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 9.852, 84.712



77, 14.788, 84.235



64, 14.450, 112.783



32, 3.343, 85.631



42, 53.626, 71.563



3, 4.206, 83.910

Inverse Universe

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



58, 9.719, 269.129



72, 14.535, 269.724



55, 14.990, 295.589



31, 3.324, 268.057



26, 57.054, 292.626



1, 4.423, 268.541

Previews

White Background



This preview shows how the CIELCh color 61, 9.851, 84.701 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, 9.851, 84.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

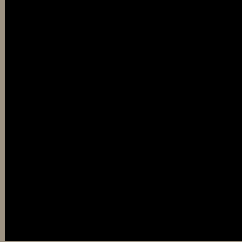
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

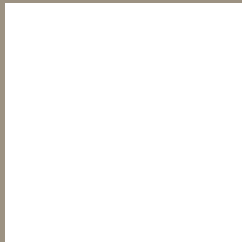
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 9.851, 84.701

Background



This preview shows how black text looks on a background with the CIELCh color 61, 9.851, 84.701.



This preview shows how white text looks on a background with the CIELCh color 61, 9.851, 84.701.

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, 9.851, 84.701

Protanopia

61, 9.933, 92.434

Deuteranopia

61, 12.040, 50.849



Tritanopia
61, 8.771, 335.444

Trichromacy



Original Color
61, 9.851, 84.701

Protanomaly
61, 10.058, 90.194

Deuteranomaly
61, 10.640, 59.025

Tritanomaly
61, 5.545, 14.084

Monochromacy



Original Color
61, 9.851, 84.701

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.554, 90.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 9.851, 84.701 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(156, 146, 130)` looks like.

```
.text, #text, p{  
    color:rgb(156, 146, 130)  
}
```

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(156, 146, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 146, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 9.851, 84.701 is called "border". The border property can be set on classes, ids or directly on the HTML element.

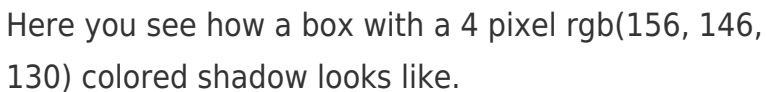
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 146, 130) }
```

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

```
.border{ border-color:rgb(156, 146, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 146, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 146, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 146, 130);  
box-shadow:4px 4px 4px 4px rgb(156, 146,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 9.851, 84.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 146, 130) }
```

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

```
.background{ background-color: rgb(156,  
146, 130) }
```

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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