

Converting Colors

CIELCh(61, 16.099, 94.730)

Have a look what the booklet for
CIELCh(61, 16.099, 94.730) contains.

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Color

CIELCh(61, 16.106, 94.892)

Conversions

Conversions Part 1

Format	Color
Hex	9C9377
RGB	156, 147, 119
RGB Percent	61%, 58%, 47%
CMY	0.3884, 0.4237, 0.5335
CMYK	0.00, 0.06, 0.24, 0.39
HSL	45°, 16%, 54%
HSV	45°, 24%, 61%
XYZ	27.4558, 29.2481, 21.6376
YIQ	146.4990, 14.3520, -6.8000

Conversions

Conversions Part 2

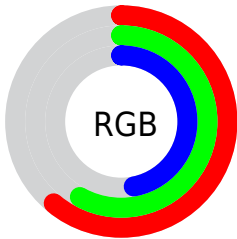
Format	Color
RYB	131, 156, 119
Decimal	10261367
CIELab	61.00, -1.37, 16.05
CIElCh	61, 16.106, 94.892
Yxy	29.2481, 0.3505, 0.3733
Android (android.graphics.Color)	4288451447 (0xFF9C9377)
YUV	146.4990, -13.5570, 8.3324
Hunter-Lab	54.0815, -4.0230, 14.1356

Details

The CIELCh color $61, 16.106, 94.892$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $54, 16.386, 280.891$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 16.317, 94.954$, and $41, 16.540, 96.437$ is the 20% darker color. If you saturate the color by 10%, you get $60, 22.984, 93.671$, and if you desaturate by 10%, it is $62, 9.267, 96.089$.

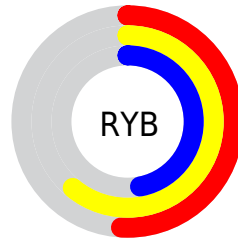
Distribution



Red (61%)

Green (58%)

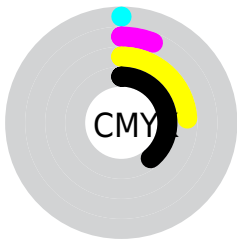
Blue (47%)



Red (51%)

Yellow (61%)

Blue (47%)

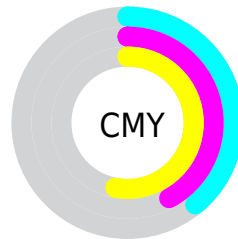


Cyan (0%)

Magenta (6%)

Yellow (24%)

Black (39%)



Cyan (39%)

Magenta (42%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 16.106, 94.892 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, 16.106, 94.892 by changing the saturation by 10% instead.

■ 61, 16.106, 94.892

■ 61, 16.106, 94.892

■ 100, 16.106,
94.892

■ 51, 16.106, 94.892

■ 81, 16.106, 94.892

■ 41, 16.106, 94.892

■ 91, 16.106, 94.892

■ 31, 16.106, 94.892

■ 21, 16.106, 94.892

■ 11, 16.106, 94.892

■ 1, 16.106, 94.892

■ 0, 16.106, 94.892

■ 61, 16.106, 94.892

■ 61, 16.106, 94.892

■ 60, 22.984, 93.671

■ 62, 9.267, 96.089

58, 29.842, 92.413

64, 2.494, 97.205

57, 36.578, 91.129

65, 4.199, 278.420

56, 43.010, 89.813

67, 10.806,
279.471

55, 48.836, 88.449

68, 17.327,
280.491

54, 53.601, 86.996

53, 56.752, 85.375

70, 23.764,
281.466

52, 58.255, 84.321

71, 30.121,
282.392

73, 36.401,
283.271

74, 40.349,
283.215

Harmonies

Complementary

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



61, 16.106, 94.892



54, 16.386, 280.891

Rectangle

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



61, 16.106, 94.892



61, 16.106, 144.892



61, 16.106, 274.892



61, 16.106, 324.892

Sweetspot

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



61, 16.107, 94.898



81, 5.856, 96.842



54, 15.955, 1.955



42, 3.798, 96.784



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, 16.107, 94.898



77, 23.709, 94.309



63, 20.830, 118.453



33, 3.850, 96.604



48, 54.653, 84.485



3, 4.842, 95.304

Inverse Universe

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



54, 16.386, 280.891



66, 24.219, 281.694



52, 21.855, 301.571



31, 3.881, 278.824



21, 70.836, 300.253



1, 5.097, 278.504

Previews

White Background



This preview shows how the CIELCh color 61, 16.106, 94.892 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, 16.106, 94.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

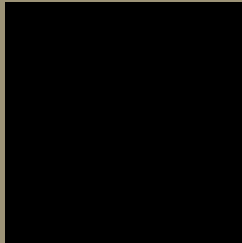
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 16.106, 94.892

Background



This preview shows how black text looks on a background with the CIELCh color 61, 16.106, 94.892.

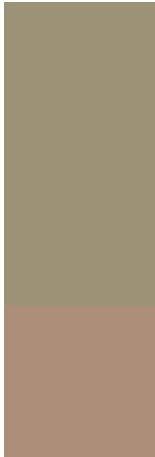


This preview shows how white text looks on a background with the CIELCh color 61, 16.106, 94.892.

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, 16.106, 94.892

Protanopia

61, 16.106, 94.892

Deuteranopia

61, 17.462, 62.242



Tritanopia
61, 9.346, 338.913

Trichromacy



Original Color
61, 16.106, 94.892

Protanomaly
61, 16.106, 94.892

Deuteranomaly
61, 16.223, 72.036

Tritanomaly
61, 6.203, 35.585

Monochromacy



Original Color
61, 16.106, 94.892

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.825, 93.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 16.106, 94.892 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, 147, 119)` looks like.

```
.text, #text, p{  
    color:rgb(156, 147, 119)  
}
```

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, 147, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 147, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 16.106, 94.892 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, 147, 119) }
```

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

```
.border{ border-color:rgb(156, 147, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 147, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 147, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 147, 119);  
box-shadow:4px 4px 4px 4px rgb(156, 147,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 16.106, 94.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 147, 119) }
```

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

```
.background{ background-color: rgb(156,  
147, 119) }
```

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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