

Converting Colors

CIELCh(61, 17.328, 100.240)

Have a look what the booklet for
CIELCh(61, 17.328, 100.240)
contains.

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Color

CIELCh(61, 17.485, 99.954)

Conversions

Conversions Part 1

Format	Color
Hex	9A9475
RGB	154, 148, 117
RGB Percent	60%, 58%, 46%
CMY	0.3969, 0.4204, 0.5419
CMYK	0.00, 0.04, 0.24, 0.40
HSL	50°, 15%, 53%
HSV	50°, 24%, 60%
XYZ	27.0469, 29.2481, 20.9909
YIQ	146.2600, 13.5270, -8.3690

Conversions

Conversions Part 2

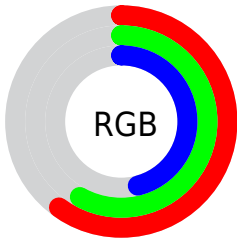
Format	Color
RYB	124, 154, 117
Decimal	10130549
CIELab	61.00, -3.02, 17.22
CIELCh	61, 17.485, 99.954
Yxy	29.2481, 0.3500, 0.3784
Android (android.graphics.Color)	4288320629 (0xFF9A9475)
YUV	146.2600, -14.4252, 6.7880
Hunter-Lab	54.0815, -5.3725, 14.8446

Details

The CIELCh color $61, 17.485, 99.954$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 18.075, 285.655$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 17.623, 99.707$, and $41, 16.965, 99.780$ is the 20% darker color. If you saturate the color by 10%, you get $60, 24.747, 98.828$, and if you desaturate by 10%, it is $62, 10.198, 101.068$.

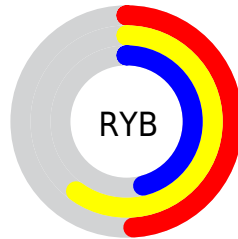
Distribution



Red (60%)

Green (58%)

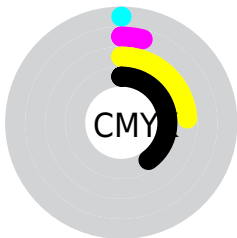
Blue (46%)



Red (49%)

Yellow (60%)

Blue (46%)

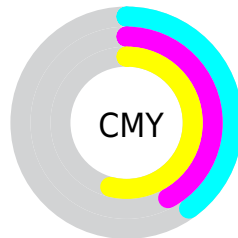


Cyan (0%)

Magenta (4%)

Yellow (24%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 17.485, 99.954 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, 17.485, 99.954 by changing the saturation by 10% instead.

■ 61, 17.485, 99.954

■ 61, 17.485, 99.954

■ 100, 17.485,
99.954

■ 51, 17.485, 99.954

■ 81, 17.485, 99.954

■ 41, 17.485, 99.954

■ 91, 17.485, 99.954

■ 31, 17.485, 99.954

■ 21, 17.485, 99.954

■ 11, 17.485, 99.954

■ 1, 17.485, 99.954

■ 0, 17.485, 99.954

■ 61, 17.485, 99.954

■ 61, 17.485, 99.954

■ 60, 24.747, 98.828

■ 62, 10.198,

59, 31.906, 97.684	101.068
58, 38.838, 96.537	63, 2.927, 102.124
57, 45.335, 95.395	64, 4.304, 283.239
57, 51.077, 94.262	65, 11.481, 284.233
56, 55.618, 93.130	66, 18.597, 285.198
55, 58.483, 91.972	68, 25.647, 286.120
55, 59.760, 91.283	69, 32.632, 286.997
	70, 39.551, 287.828
	71, 46.280, 288.584

Harmonies

Complementary

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



61, 17.485, 99.954



52, 18.075, 285.655

Rectangle

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



61, 17.485, 99.954



61, 17.485, 149.954



61, 17.485, 279.954



61, 17.485, 329.954

Sweetspot

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



61, 17.486, 99.960



79, 6.250, 101.810



53, 15.645, 8.232



42, 4.052, 101.756



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, 17.486, 99.960



76, 26.003, 99.338



62, 21.163, 121.756



32, 4.079, 101.589



50, 55.906, 91.388



3, 4.349, 101.846

Inverse Universe

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



52, 18.075, 285.655



63, 27.119, 286.528



51, 22.113, 304.489



30, 4.134, 283.650



18, 76.558, 303.051



1, 4.426, 282.743

Previews

White Background



This preview shows how the CIELCh color 61, 17.485, 99.954 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, 17.485, 99.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

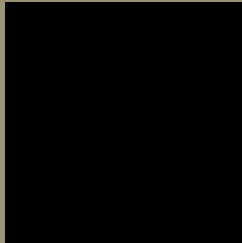
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 17.485, 99.954

Background



This preview shows how black text looks on a background with the CIELCh color 61, 17.485, 99.954.



This preview shows how white text looks on a background with the CIELCh color 61, 17.485, 99.954.

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, 17.485, 99.954

Protanopia

61, 17.834, 94.554

Deuteranopia

61, 18.295, 64.565



Tritanopia
61, 8.503, 333.554

Trichromacy



Original Color
61, 17.485, 99.954

Protanomaly
61, 17.736, 95.884

Deuteranomaly
61, 16.914, 75.216

Tritanomaly
61, 5.190, 52.327

Monochromacy



Original Color
61, 17.485, 99.954

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.770, 102.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 17.485, 99.954 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(154, 148, 117)` looks like.

```
.text, #text, p{  
    color:rgb(154, 148, 117)  
}
```

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(154, 148, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 148, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 17.485, 99.954 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(154, 148, 117) }
```

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

```
.border{ border-color:rgb(154, 148, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 148, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 148, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 148, 117);  
box-shadow:4px 4px 4px 4px rgb(154, 148,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 17.485, 99.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 148, 117) }
```

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

```
.background{ background-color: rgb(154,  
148, 117) }
```

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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