

Converting Colors

CIELCh(61, 19.566, 82.834)

Have a look what the booklet for
CIELCh(61, 19.566, 82.834) contains.

CIELCh(61, 19.718, 83.872)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 19.718, 83.872)

Conversions

Conversions Part 1

Format	Color
Hex	A49171
RGB	164, 145, 113
RGB Percent	64%, 57%, 44%
CMY	0.3577, 0.4321, 0.5576
CMYK	0.00, 0.12, 0.31, 0.36
HSL	38°, 22%, 54%
HSV	38°, 31%, 64%
XYZ	28.3318, 29.2481, 19.7184
YIQ	147.0330, 21.5960, -5.9240

Conversions

Conversions Part 2

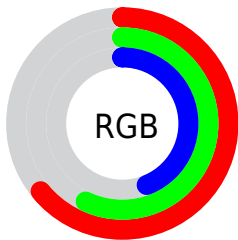
Format	Color
R_{YB}	143, 164, 113
Decimal	10785137
CIE Lab	61.00, 2.10, 19.61
CIE LCh	61, 19.718, 83.872
Yxy	29.2481, 0.3665, 0.3784
Android (android.graphics.Color)	4288975217 (0xFFA49171)
YUV	147.0330, -16.7783, 14.8801
Hunter-Lab	54.0815, -1.1317, 16.2397

Details

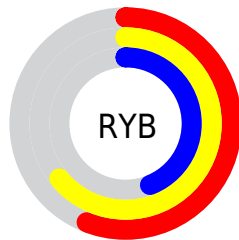
The CIELCh color $61, 19.718, 83.872$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $55, 19.279, 272.705$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 19.840, 83.796$, and $41, 19.640, 84.800$ is the 20% darker color. If you saturate the color by 10%, you get $59, 26.359, 82.523$, and if you desaturate by 10%, it is $63, 13.214, 85.194$.

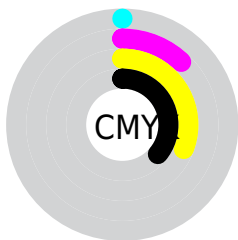
Distribution



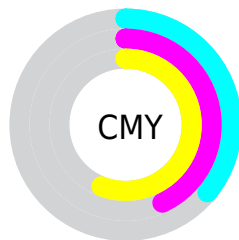
- Red (64%)
- Green (57%)
- Blue (44%)



- Red (56%)
- Yellow (64%)
- Blue (44%)



- Cyan (0%)
- Magenta (12%)
- Yellow (31%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 19.718, 83.872 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, 19.718, 83.872 by changing the saturation by 10% instead.

■ 61, 19.718, 83.872

■ 61, 19.718, 83.872

■ 100, 19.718,
83.872

■ 51, 19.718, 83.872

■ 81, 19.718, 83.872

■ 41, 19.718, 83.872

■ 91, 19.718, 83.872

■ 31, 19.718, 83.872

■ 21, 19.718, 83.872

■ 11, 19.718, 83.872

■ 1, 19.718, 83.872

■ 0, 19.718, 83.872

■ 61, 19.718, 83.872

■ 61, 19.718, 83.872

■ 59, 26.359, 82.523

■ 63, 13.214, 85.194

57, 33.079, 81.127

65, 6.866, 86.460

55, 39.760, 79.674

67, 0.680, 87.392

54, 46.174, 78.127

69, 5.351, 268.972

52, 51.915, 76.403

71, 11.237,
270.096

50, 56.362, 74.343

73, 16.989,
271.185

49, 59.265, 72.273

76, 22.619,
272.226

78, 28.139,
273.217

80, 31.003,
272.025

Harmonies

Complementary

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



61, 19.718, 83.872



55, 19.279, 272.705

Rectangle

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



61, 19.718, 83.872



61, 19.718, 133.872



61, 19.718, 263.872



61, 19.718, 313.872

Sweetspot

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



61, 19.719, 83.878



83, 6.890, 86.699



53, 23.278, 353.670



44, 4.789, 86.529



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 19.719, 83.878



76, 29.390, 82.992



66, 27.910, 112.338



34, 3.471, 86.687



44, 54.284, 72.617



3, 5.076, 82.635

Inverse Universe

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



55, 19.279, 272.705



67, 28.606, 274.056



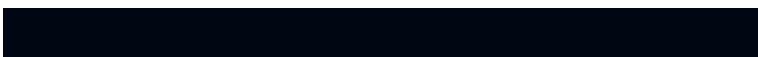
50, 30.011, 297.774



32, 3.457, 269.114



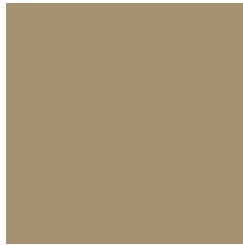
26, 59.111, 293.495



2, 5.556, 270.804

Previews

White Background



This preview shows how the CIELCh color 61, 19.718, 83.872 looks on a white background.

Color Contrast Check

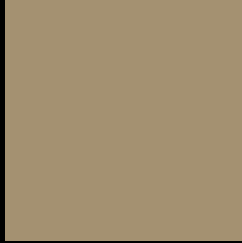
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.718, 83.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

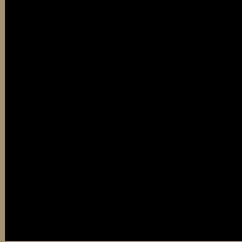
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 19.718, 83.872

Background



This preview shows how black text looks on a background with the CIELCh color 61, 19.718, 83.872.



This preview shows how white text looks on a background with the CIELCh color 61, 19.718, 83.872.

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, 19.718, 83.872

Protanopia

61, 18.918, 95.169

Deuteranopia

61, 20.637, 66.778



Tritanopia
61, 12.581, 351.387

Trichromacy



Original Color
61, 19.718, 83.872

Protanomaly
61, 18.745, 91.049

Deuteranomaly
61, 19.908, 71.383

Tritanomaly
61, 10.130, 36.251

Monochromacy



Original Color
61, 19.718, 83.872

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.770, 84.935

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 19.718, 83.872 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(164, 145, 113)` looks like.

```
.text, #text, p{  
    color:rgb(164, 145, 113)  
}
```

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(164, 145, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 145, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 19.718, 83.872 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(164, 145, 113) }
```

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

```
.border{ border-color:rgb(164, 145, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 145, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 145, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 145, 113);  
box-shadow:4px 4px 4px 4px rgb(164, 145,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 19.718, 83.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 145, 113) }
```

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

```
.background{ background-color: rgb(164,  
145, 113) }
```

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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