

Converting Colors

CIELCh(61, 33.834, 73.584)

Have a look what the booklet for
CIELCh(61, 33.834, 73.584) contains.

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Color

CIELCh(61, 33.867, 74.016)

Conversions

Conversions Part 1

Format	Color
Hex	B58C5A
RGB	181, 140, 90
RGB Percent	71%, 55%, 35%
CMY	0.2909, 0.4516, 0.6476
CMYK	0.00, 0.23, 0.50, 0.29
HSL	33°, 38%, 53%
HSV	33°, 50%, 71%
XYZ	30.2093, 29.2481, 13.6926
YIQ	146.5590, 40.4860, -6.8580

Conversions

Conversions Part 2

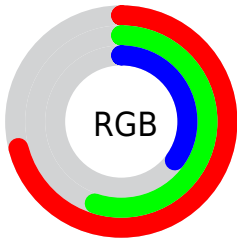
Format	Color
RYB	165, 181, 90
Decimal	11897946
CIELab	61.00, 9.33, 32.56
CIElCh	61, 33.867, 74.016
Yxy	29.2481, 0.4130, 0.3998
Android (android.graphics.Color)	4290088026 (0xFFB58C5A)
YUV	146.5590, -27.8836, 30.2048
Hunter-Lab	54.0815, 5.0654, 22.8458

Details

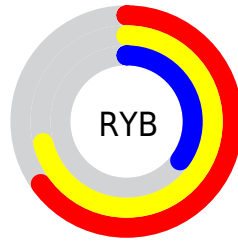
The CIELCh color **61, 33.867, 74.016** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **54, 30.698, 270.087**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 33.805, 73.334**, and **41, 33.774, 73.653** is the 20% darker color. If you saturate the color by 10%, you get **59, 41.182, 72.617**, and if you desaturate by 10%, it is **63, 26.668, 75.378**.

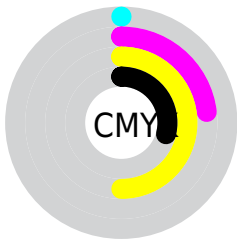
Distribution



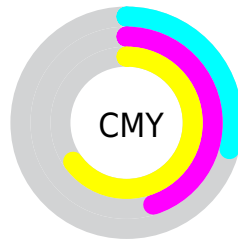
- Red (71%)
- Green (55%)
- Blue (35%)



- Red (65%)
- Yellow (71%)
- Blue (35%)



- Cyan (0%)
- Magenta (23%)
- Yellow (50%)
- Black (29%)



- Cyan (29%)
- Magenta (45%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 33.867, 74.016 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, 33.867, 74.016 by changing the saturation by 10% instead.

61, 33.867, 74.016

61, 33.867, 74.016

100, 33.867,
74.016

51, 33.867, 74.016

81, 33.867, 74.016

41, 33.867, 74.016

91, 33.867, 74.016

31, 33.867, 74.016

21, 33.867, 74.016

11, 33.867, 74.016

1, 33.867, 74.016

0, 33.867, 74.016

61, 33.867, 74.016

61, 33.867, 74.016

59, 41.182, 72.617

63, 26.668, 75.378

56, 48.407, 71.121

66, 19.680, 76.706

54, 55.140, 69.428

68, 12.936, 78.004

52, 60.693, 67.334

71, 6.441, 79.258

50, 64.693, 64.885

74, 0.184, 78.888

76, 5.854, 261.807

79, 11.692,
262.943

82, 17.352,
264.051

84, 22.852,
265.114

Harmonies

Complementary

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



61, 33.867, 74.016



54, 30.698, 270.087

Rectangle

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



61, 33.867, 74.016



61, 33.867, 124.016



61, 33.867, 254.016



61, 33.867, 304.016

Sweetspot

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



61, 33.867, 74.021



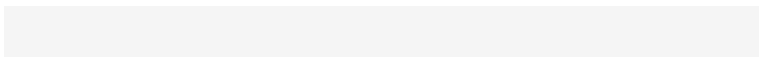
88, 11.690, 78.647



50, 42.313, 351.084



46, 8.001, 78.385



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



61, 33.867, 74.021



75, 50.666, 72.516



72, 47.601, 107.034



36, 3.494, 79.379



43, 57.095, 65.401



5, 7.727, 68.490

Inverse Universe

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



54, 30.698, 270.087



64, 45.138, 273.290



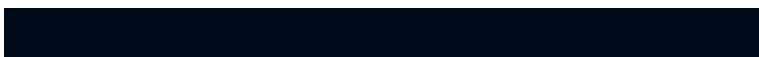
43, 54.613, 298.268



36, 3.444, 261.864



31, 53.535, 287.888



3, 9.189, 269.799

Previews

White Background



This preview shows how the CIELCh color 61, 33.867, 74.016 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, 33.867, 74.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

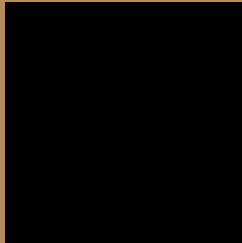
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 33.867, 74.016

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.867, 74.016.



This preview shows how white text looks on a background with the CIELCh color 61, 33.867, 74.016.

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, 33.867, 74.016

Protanopia

61, 30.563, 95.119

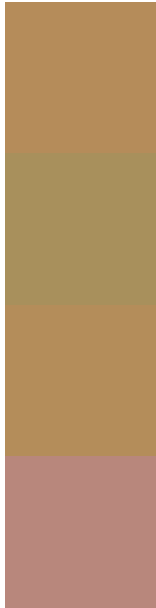
Deuteranopia

61, 33.522, 76.332



Tritanopia
61, 21.991, 7.196

Trichromacy



Original Color
61, 33.867, 74.016

Protanomaly
61, 30.951, 86.700

Deuteranomaly
61, 33.774, 75.693

Tritanomaly
61, 21.756, 37.622

Monochromacy



Original Color
61, 33.867, 74.016

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.874, 77.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.867, 74.016 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(181, 140, 90)` looks like.

```
.text, #text, p{  
    color:rgb(181, 140, 90)  
}
```

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(181, 140, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 140, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.867, 74.016 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(181, 140, 90) }
```

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

```
.border{ border-color:rgb(181, 140, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 140, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 140, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 140, 90);  
box-shadow:4px 4px 4px 4px rgb(181, 140,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.867, 74.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 140, 90) }
```

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

```
.background{ background-color: rgb(181,  
140, 90) }
```

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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