

Converting Colors

CIELCh(61, 40.671, 86.464)

Have a look what the booklet for
CIELCh(61, 40.671, 86.464) contains.

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Color

CIELCh(61, 40.817, 86.840)

Conversions

Conversions Part 1

Format	Color
Hex	AD904A
RGB	173, 144, 74
RGB Percent	68%, 56%, 29%
CMY	0.3223, 0.4360, 0.7104
CMYK	0.00, 0.17, 0.57, 0.32
HSL	42°, 40%, 48%
HSV	42°, 57%, 68%
XYZ	28.3687, 29.2481, 10.5995
YIQ	144.6910, 39.7540, -15.6220

Conversions

Conversions Part 2

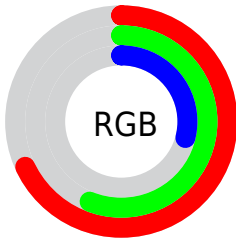
Format	Color
R_{YB}	115, 173, 74
Decimal	11374666
CIE _{Lab}	61.00, 2.25, 40.75
CIE _{LCh}	61, 40.817, 86.840
Yxy	29.2481, 0.4159, 0.4288
Android (android.graphics.Color)	4289564746 (0xFFAD904A)
YUV	144.6910, -34.8507, 24.8270
Hunter-Lab	54.0815, -1.0098, 26.2368

Details

The CIELCh color **61, 40.817, 86.840** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **44, 42.112, 284.891**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 40.843, 86.834**, and **41, 40.859, 86.851** is the 20% darker color. If you saturate the color by 10%, you get **59, 47.581, 85.407**, and if you desaturate by 10%, it is **63, 33.707, 88.222**.

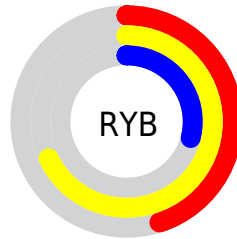
Distribution



Red (68%)

Green (56%)

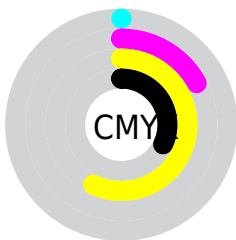
Blue (29%)



Red (45%)

Yellow (68%)

Blue (29%)

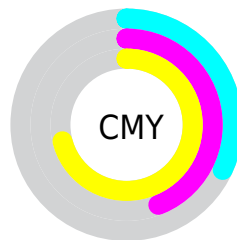


Cyan (0%)

Magenta (17%)

Yellow (57%)

Black (32%)



Cyan (32%)

Magenta (44%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 40.817, 86.840 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, 40.817, 86.840 by changing the saturation by 10% instead.

61, 40.817, 86.840

61, 40.817, 86.840

100, 40.817,
86.840

51, 40.817, 86.840

81, 40.817, 86.840

41, 40.817, 86.840

91, 40.817, 86.840

31, 40.817, 86.840

21, 40.817, 86.840

11, 40.817, 86.840

1, 40.817, 86.840

0, 40.817, 86.840

61, 40.817, 86.840

61, 40.817, 86.840

59, 47.581, 85.407

63, 33.707, 88.222

58, 53.613, 83.870

64, 26.477, 89.560

57, 58.337, 82.148

66, 19.253, 90.862

55, 61.253, 80.136

68, 12.099, 92.123

55, 61.976, 79.588

69, 5.048, 93.327

71, 1.888, 274.650

73, 8.707, 275.706

75, 15.413,
276.782

77, 22.010,
277.813

Harmonies

Complementary

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



61, 40.817, 86.840



44, 42.112, 284.891

Rectangle

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



61, 40.817, 86.840



61, 40.817, 136.840



61, 40.817, 266.840



61, 40.817, 316.840

Sweetspot

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



61, 40.817, 86.844



86, 14.727, 92.120



45, 43.542, 4.133



45, 9.854, 91.881



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 40.817, 86.844



75, 60.103, 84.969



67, 52.268, 114.331



36, 3.949, 93.090



48, 56.002, 79.889



5, 7.581, 87.024

Inverse Universe

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



44, 42.112, 284.891



51, 63.822, 288.718



38, 60.511, 303.558



34, 3.964, 275.427



24, 69.031, 298.154



2, 8.812, 277.972

Previews

White Background



This preview shows how the CIELCh color 61, 40.817, 86.840 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, 40.817, 86.840 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, 40.817, 86.840

Background



This preview shows how black text looks on a background with the CIELCh color 61, 40.817, 86.840.



This preview shows how white text looks on a background with the CIELCh color 61, 40.817, 86.840.

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, 40.817, 86.840

Protanopia

61, 40.385, 95.986

Deuteranopia

61, 40.998, 78.719



Tritanopia
61, 17.995, 3.305

Trichromacy



Original Color
61, 40.817, 86.840

Protanomaly
61, 40.082, 91.974

Deuteranomaly
61, 40.532, 81.253

Tritanomaly
61, 19.540, 53.337

Monochromacy



Original Color
61, 40.817, 86.840

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 15.171, 92.517

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 40.817, 86.840 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(173, 144, 74)` looks like.

```
.text, #text, p{  
    color:rgb(173, 144, 74)  
}
```

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(173, 144, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 144, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 40.817, 86.840 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(173, 144, 74) }
```

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

```
.border{ border-color:rgb(173, 144, 74) }
```

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

Here you see how a box with a 4 pixel rgb(173, 144, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 144, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 144, 74);  
box-shadow:4px 4px 4px 4px rgb(173, 144,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 40.817, 86.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 144, 74) }
```

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

```
.background{ background-color: rgb(173,  
144, 74) }
```

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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