

Converting Colors

CIELCh(60, 39.864, 86.743)

Have a look what the booklet for
CIELCh(60, 39.864, 86.743) contains.

CIELCh(60, 39.961, 86.397)	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(60, 39.961, 86.397)

Conversions

Conversions Part 1

Format	Color
Hex	AA8D49
RGB	170, 141, 73
RGB Percent	67%, 55%, 29%
CMY	0.3329, 0.4466, 0.7133
CMYK	0.00, 0.17, 0.57, 0.33
HSL	42°, 40%, 48%
HSV	42°, 57%, 67%
XYZ	27.3499, 28.1233, 10.3080
YIQ	141.9190, 39.1120, -15.0000

Conversions

Conversions Part 2

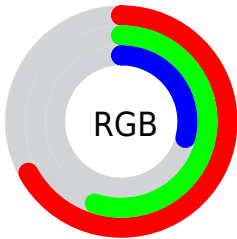
Format	Color
RYB	114, 170, 73
Decimal	11177289
CIELab	60.00, 2.51, 39.88
CIElCh	60, 39.961, 86.397
Yxy	28.1233, 0.4158, 0.4275
Android (android.graphics.Color)	4289367369 (0xFFAA8D49)
YUV	141.9190, -33.9771, 24.6270
Hunter-Lab	53.0314, -0.7474, 25.5975

Details

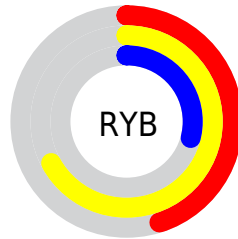
The CIELCh color **60, 39.961, 86.397** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **44, 41.026, 284.393**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 39.540, 86.184**, and **40, 40.032, 86.387** is the 20% darker color. If you saturate the color by 10%, you get **58, 46.656, 84.959**, and if you desaturate by 10%, it is **62, 32.946, 87.784**.

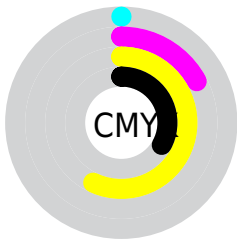
Distribution



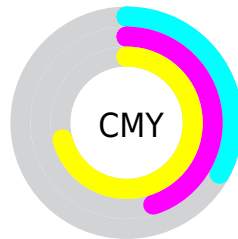
- Red (67%)
- Green (55%)
- Blue (29%)



- Red (45%)
- Yellow (67%)
- Blue (29%)



- Cyan (0%)
- Magenta (17%)
- Yellow (57%)
- Black (33%)



- Cyan (33%)
- Magenta (45%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 39.961, 86.397 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 60, 39.961, 86.397 by changing the saturation by 10% instead.

■ 60, 39.961, 86.397

■ 60, 39.961, 86.397

■ 100, 39.961,
86.397

■ 50, 39.961, 86.397

■ 80, 39.961, 86.397

■ 40, 39.961, 86.397

■ 90, 39.961, 86.397

■ 30, 39.961, 86.397

■ 20, 39.961, 86.397

■ 10, 39.961, 86.397

■ 0, 39.961, 86.397

■ 60, 39.961, 86.397

■ 60, 39.961, 86.397

■ 58, 46.656, 84.959

■ 62, 32.946, 87.784

■ 57, 52.660, 83.414

■ 63, 25.829, 89.125

56, 57.409, 81.682

65, 18.727, 90.429

54, 60.390, 79.650

67, 11.702, 91.692

54, 61.196, 79.048

68, 4.784, 92.898

70, 2.018, 274.218

72, 8.700, 275.282

74, 15.269,
276.360

76, 21.729,
277.393

Harmonies

Complementary

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



60, 39.961, 86.397



44, 41.026, 284.393

Rectangle

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



60, 39.961, 86.397



60, 39.961, 136.397



60, 39.961, 266.397



60, 39.961, 316.397

Sweetspot

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



60, 39.961, 86.401



85, 14.504, 91.658



45, 42.816, 4.059



45, 9.795, 91.416



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



60, 39.961, 86.401



74, 58.581, 84.629



66, 51.416, 114.346



35, 3.828, 92.634



47, 55.247, 79.362



4, 6.439, 87.753

Inverse Universe

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



44, 41.026, 284.393



51, 61.664, 287.991



38, 59.462, 303.519



33, 3.841, 274.972



24, 67.454, 297.794



2, 7.276, 276.740

Previews

White Background



This preview shows how the CIELCh color 60, 39.961, 86.397 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 60, 39.961, 86.397 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 60, 39.961, 86.397

Background



This preview shows how black text looks on a background with the CIELCh color 60, 39.961, 86.397.



This preview shows how white text looks on a background with the CIELCh color 60, 39.961, 86.397.

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

60, 39.961, 86.397

Protanopia

60, 39.486, 95.772

Deuteranopia

60, 40.389, 78.944



Tritanopia
60, 18.066, 3.354

Trichromacy



Original Color
60, 39.961, 86.397

Protanomaly
60, 39.536, 92.434

Deuteranomaly
60, 39.930, 81.526

Tritanomaly
60, 19.292, 52.032

Monochromacy



Original Color
60, 39.961, 86.397

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 14.689, 91.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 39.961, 86.397 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(170, 141, 73)` looks like.

```
.text, #text, p{  
    color:rgb(170, 141, 73)  
}
```

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(170, 141, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 141, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 39.961, 86.397 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(170, 141, 73) }
```

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

```
.border{ border-color:rgb(170, 141, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 141, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 141, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 141, 73);  
box-shadow:4px 4px 4px 4px rgb(170, 141,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 39.961, 86.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 141, 73) }
```

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

```
.background{ background-color: rgb(170,  
141, 73) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor