

Converting Colors

CIELCh(61, 60.374, 82.977)

Have a look what the booklet for
CIELCh(61, 60.374, 82.977) contains.

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Color

CIELCh(61, 60.374, 82.977)

Conversions

Conversions Part 1

Format	Color
Hex	B98C1D
RGB	185, 140, 29
RGB Percent	73%, 55%, 11%
CMY	0.2736, 0.4502, 0.8852
CMYK	0.00, 0.24, 0.84, 0.27
HSL	43°, 73%, 42%
HSV	43°, 84%, 73%
XYZ	29.6959, 29.2481, 5.2594
YIQ	140.8010, 62.4510, -24.9810

Conversions

Conversions Part 2

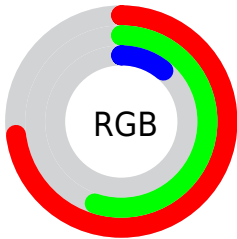
Format	Color
R _{YB}	92, 185, 29
Decimal	12160029
CIE Lab	61.00, 7.38, 59.92
CIE LCh	61, 60.374, 82.977
Yxy	29.2481, 0.4625, 0.4556
Android (android.graphics.Color)	4290350109 (0xFFB98C1D)
YUV	140.8010, -55.1179, 38.7625
Hunter-Lab	54.0815, 3.3708, 32.0912

Details

The CIELCh color **61, 60.374, 82.977** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **35, 68.358, 293.728**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 60.289, 82.842**, and **41, 49.579, 80.438** is the 20% darker color. If you saturate the color by 10%, you get **60, 63.880, 81.046**, and if you desaturate by 10%, it is **62, 54.955, 84.636**.

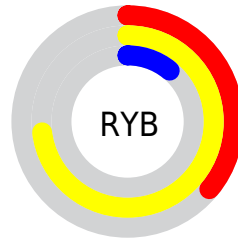
Distribution



Red (73%)

Green (55%)

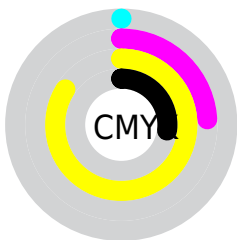
Blue (11%)



Red (36%)

Yellow (73%)

Blue (11%)

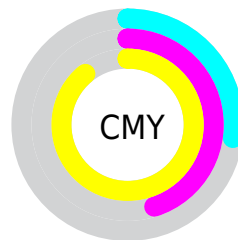


Cyan (0%)

Magenta (24%)

Yellow (84%)

Black (27%)



Cyan (27%)

Magenta (45%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 60.374, 82.977 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, 60.374, 82.977 by changing the saturation by 10% instead.

■ 61, 60.374, 82.977

■ 61, 60.374, 82.977

■ 100, 60.374,
82.977

■ 51, 60.374, 82.977

■ 81, 60.374, 82.977

■ 41, 60.374, 82.977

■ 91, 60.374, 82.977

■ 31, 60.374, 82.977

■ 21, 60.374, 82.977

■ 11, 60.374, 82.977

■ 1, 60.374, 82.977

■ 0, 60.374, 82.977

■ 61, 60.374, 82.977

■ 61, 60.374, 82.977

■ 60, 63.880, 81.046

■ 62, 54.955, 84.636

59, 65.284, 79.837

64, 48.318, 86.138

66, 41.025, 87.557

67, 33.436, 88.925

69, 25.760, 90.255

71, 18.110, 91.548

73, 10.544, 92.799

74, 3.089, 93.970

76, 4.245, 275.253

Harmonies

Complementary

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



61, 60.374, 82.977



35, 68.358, 293.728

Rectangle

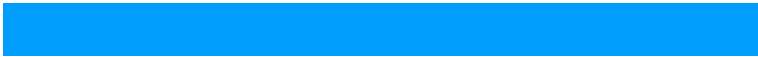
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61, 60.374, 82.977



61, 60.374, 132.977



61, 60.374, 262.977



61, 60.374, 312.977

Sweetspot

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



61, 60.373, 82.980



89, 23.085, 91.395



41, 62.843, 13.179



47, 15.778, 90.947



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 60.373, 82.980



74, 79.137, 79.399



71, 73.397, 113.881



38, 4.157, 93.387



50, 57.426, 80.194



7, 10.146, 85.295

Inverse Universe

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



35, 68.358, 293.728



39, 101.519, 299.445



28, 93.548, 306.610



36, 4.175, 275.735



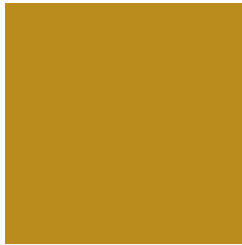
24, 71.372, 298.454



2, 12.252, 279.838

Previews

White Background



This preview shows how the CIELCh color 61, 60.374, 82.977 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, 60.374, 82.977 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, 60.374, 82.977

Background



This preview shows how black text looks on a background with the CIELCh color 61, 60.374, 82.977.



This preview shows how white text looks on a background with the CIELCh color 61, 60.374, 82.977.

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, 60.374, 82.977

Protanopia

61, 58.988, 95.364

Deuteranopia

61, 60.566, 82.572



Tritanopia
61, 25.249, 9.558

Trichromacy



Original Color
61, 60.374, 82.977

Protanomaly
61, 59.182, 90.725

Deuteranomaly
61, 60.566, 82.572

Tritanomaly
61, 31.986, 57.015

Monochromacy



Original Color
61, 60.374, 82.977

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 24.083, 90.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 60.374, 82.977 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(185, 140, 29)` looks like.

```
.text, #text, p{  
    color:rgb(185, 140, 29)  
}
```

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(185, 140, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 140, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 60.374, 82.977 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(185, 140, 29) }
```

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

```
.border{ border-color:rgb(185, 140, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 140, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 140, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 140, 29);  
box-shadow:4px 4px 4px 4px rgb(185, 140,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 60.374, 82.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 140, 29) }
```

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

```
.background{ background-color: rgb(185,  
140, 29) }
```

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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