

Converting Colors

CIELCh(61, 61.662, 82.803)

Have a look what the booklet for
CIELCh(61, 61.662, 82.803) contains.

CIELCh(61, 61.662, 82.803)	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, 61.662, 82.803)

Conversions

Conversions Part 1

Format	Color
Hex	BA8C19
RGB	186, 140, 25
RGB Percent	73%, 55%, 10%
CMY	0.2708, 0.4511, 0.9022
CMYK	0.00, 0.25, 0.87, 0.27
HSL	43°, 76%, 41%
HSV	43°, 87%, 73%
XYZ	29.7862, 29.2481, 4.9922
YIQ	140.6440, 64.3310, -26.0130

Conversions

Conversions Part 2

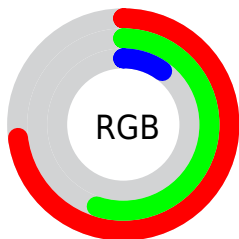
Format	Color
RYB	89, 186, 25
Decimal	12225561
CIELab	61.00, 7.73, 61.18
CIELCh	61, 61.662, 82.803
Yxy	29.2481, 0.4652, 0.4568
Android (android.graphics.Color)	4290415641 (0xFFBA8C19)
YUV	140.6440, -57.0125, 39.7772
Hunter-Lab	54.0815, 3.6686, 32.3841

Details

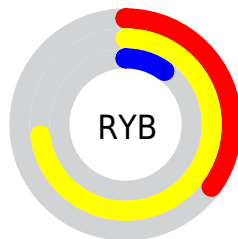
The CIELCh color **61, 61.662, 82.803** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **34, 71.042, 294.715**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 61.727, 82.780**, and **41, 49.802, 79.917** is the 20% darker color. If you saturate the color by 10%, you get **60, 64.671, 80.811**, and if you desaturate by 10%, it is **62, 56.639, 84.505**.

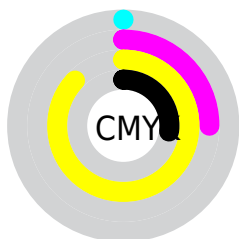
Distribution



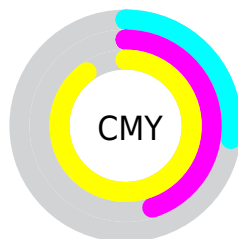
- Red (73%)
- Green (55%)
- Blue (10%)



- Red (35%)
- Yellow (73%)
- Blue (10%)



- Cyan (0%)
- Magenta (25%)
- Yellow (87%)
- Black (27%)



- Cyan (27%)
- Magenta (45%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 61.662, 82.803 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, 61.662, 82.803 by changing the saturation by 10% instead.

61, 61.662, 82.803

61, 61.662, 82.803

100, 61.662,
82.803

51, 61.662, 82.803

81, 61.662, 82.803

41, 61.662, 82.803

91, 61.662, 82.803

31, 61.662, 82.803

21, 61.662, 82.803

11, 61.662, 82.803

1, 61.662, 82.803

0, 61.662, 82.803

61, 61.662, 82.803

61, 61.662, 82.803

60, 64.671, 80.811

62, 56.639, 84.505

59, 65.513, 80.113

64, 50.223, 86.029

66, 43.024, 87.459

67, 35.452, 88.834

69, 27.747, 90.170

71, 20.044, 91.470

72, 12.411, 92.729

74, 4.883, 93.929

76, 2.528, 275.229

Harmonies

Complementary

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



61, 61.662, 82.803



34, 71.042, 294.715

Rectangle

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



61, 61.662, 82.803



61, 61.662, 132.803



61, 61.662, 262.803



61, 61.662, 312.803

Sweetspot

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



61, 61.661, 82.806



90, 24.301, 91.489



41, 64.097, 14.277



47, 16.645, 91.041



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



61, 61.661, 82.806



75, 79.817, 79.671



71, 74.631, 113.952



38, 4.170, 93.609



50, 57.463, 80.473



7, 10.181, 85.624

Inverse Universe

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



34, 71.042, 294.715



39, 102.832, 299.603



27, 95.833, 306.777



36, 4.189, 275.952



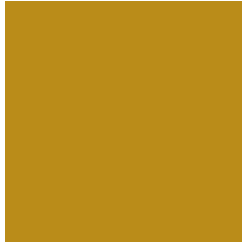
24, 71.684, 298.600



2, 12.282, 279.975

Previews

White Background



This preview shows how the CIELCh color 61, 61.662, 82.803 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 CIELCh color 61, 61.662, 82.803 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, 61.662, 82.803

Background



This preview shows how black text looks on a background with the CIELCh color 61, 61.662, 82.803.



This preview shows how white text looks on a background with the CIELCh color 61, 61.662, 82.803.

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, 61.662, 82.803

Protanopia

61, 60.142, 95.384

Deuteranopia

61, 61.662, 82.803



Tritanopia
61, 26.088, 10.088

Trichromacy



Original Color
61, 61.662, 82.803

Protanomaly
61, 60.314, 90.825

Deuteranomaly
61, 61.662, 82.803

Tritanomaly
61, 32.777, 58.321

Monochromacy



Original Color
61, 61.662, 82.803

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 24.615, 90.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 61.662, 82.803 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(186, 140, 25)` looks like.

```
.text, #text, p{  
    color:rgb(186, 140, 25)  
}
```

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(186, 140, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 140, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 61.662, 82.803 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(186, 140, 25) }
```

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

```
.border{ border-color:rgb(186, 140, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 140, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 140, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 140, 25);  
box-shadow:4px 4px 4px 4px rgb(186, 140,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 61.662, 82.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 140, 25) }
```

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

```
.background{ background-color: rgb(186,  
140, 25) }
```

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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