

Converting Colors

CIELCh(61, 60.761, 82.169)

Have a look what the booklet for
CIELCh(61, 60.761, 82.169) contains.

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Color

CIELCh(61, 60.761, 82.169)

Conversions

Conversions Part 1

Format	Color
Hex	BB8C1D
RGB	187, 140, 29
RGB Percent	73%, 55%, 11%
CMY	0.2683, 0.4524, 0.8881
CMYK	0.00, 0.25, 0.85, 0.27
HSL	42°, 73%, 42%
HSV	42°, 85%, 73%
XYZ	29.9321, 29.2481, 5.2004
YIQ	141.3990, 63.6430, -24.5570

Conversions

Conversions Part 2

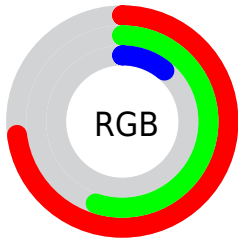
Format	Color
RYB	96, 187, 29
Decimal	12291101
CIELab	61.00, 8.28, 60.19
CIElCh	61, 60.761, 82.169
Yxy	29.2481, 0.4649, 0.4543
Android (android.graphics.Color)	4290481181 (0xFFBB8C1D)
YUV	141.3990, -55.4127, 39.9921
Hunter-Lab	54.0815, 4.1502, 32.1558

Details

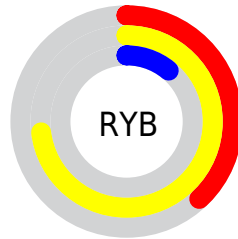
The CIELCh color **61, 60.761, 82.169** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **36, 68.346, 293.436**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 60.671, 82.094**, and **41, 50.029, 79.402** is the 20% darker color. If you saturate the color by 10%, you get **60, 64.219, 80.174**, and if you desaturate by 10%, it is **63, 55.356, 83.867**.

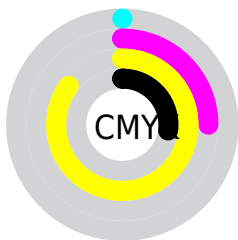
Distribution



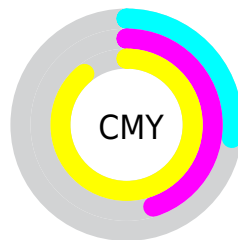
- Red (73%)
- Green (55%)
- Blue (11%)



- Red (38%)
- Yellow (73%)
- Blue (11%)



- Cyan (0%)
- Magenta (25%)
- Yellow (85%)
- Black (27%)



- Cyan (27%)
- Magenta (45%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 60.761, 82.169 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, 60.761, 82.169 by changing the saturation by 10% instead.

61, 60.761, 82.169

61, 60.761, 82.169

100, 60.761,
82.169

51, 60.761, 82.169

81, 60.761, 82.169

41, 60.761, 82.169

91, 60.761, 82.169

31, 60.761, 82.169

21, 60.761, 82.169

11, 60.761, 82.169

1, 60.761, 82.169

0, 60.761, 82.169

61, 60.761, 82.169

61, 60.761, 82.169

60, 64.219, 80.174

63, 55.356, 83.867

59, 65.535, 79.042

64, 48.711, 85.394

66, 41.401, 86.829

67, 33.797, 88.210

69, 26.111, 89.551

71, 18.457, 90.854

73, 10.894, 92.114

75, 3.449, 93.300

77, 3.869, 274.593

Harmonies

Complementary

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



61, 60.761, 82.169



36, 68.346, 293.436

Rectangle

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



61, 60.761, 82.169



61, 60.761, 132.169



61, 60.761, 262.169



61, 60.761, 312.169

Sweetspot

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



61, 60.760, 82.172



90, 23.105, 90.763



41, 63.433, 13.423



47, 15.933, 90.307



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, 60.760, 82.172



75, 79.656, 78.587



71, 74.036, 113.895



39, 4.217, 92.764



50, 58.017, 79.389



8, 11.470, 83.451

Inverse Universe

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



36, 68.346, 293.436



40, 101.182, 299.073



28, 94.526, 306.650



37, 4.231, 275.135



25, 71.453, 298.090



3, 13.862, 280.414

Previews

White Background



This preview shows how the CIELCh color 61, 60.761, 82.169 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, 60.761, 82.169 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, 60.761, 82.169

Background



This preview shows how black text looks on a background with the CIELCh color 61, 60.761, 82.169.



This preview shows how white text looks on a background with the CIELCh color 61, 60.761, 82.169.

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, 60.761, 82.169

Protanopia

61, 58.988, 95.364

Deuteranopia

61, 60.851, 82.633



Tritanopia
61, 26.088, 10.088

Trichromacy



Original Color
61, 60.761, 82.169

Protanomaly
61, 59.182, 90.725

Deuteranomaly
61, 60.851, 82.633

Tritanomaly
61, 32.746, 57.225

Monochromacy



Original Color
61, 60.761, 82.169

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 24.222, 89.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 60.761, 82.169 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(187, 140, 29)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 140, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 140, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 60.761, 82.169 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(187, 140, 29) }
```

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

```
.border{ border-color:rgb(187, 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(187, 140, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 140, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 140, 29);  
box-shadow:4px 4px 4px 4px rgb(187, 140,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 60.761, 82.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 140, 29) }
```

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

```
.background{ background-color: rgb(187,  
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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