

Converting Colors

CIELCh(60, 61.262, 82.590)

Have a look what the booklet for
CIELCh(60, 61.262, 82.590) contains.

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Color

CIELCh(60, 61.188, 82.508)

Conversions

Conversions Part 1

Format	Color
Hex	B78917
RGB	183, 137, 23
RGB Percent	72%, 54%, 9%
CMY	0.2813, 0.4618, 0.9085
CMYK	0.00, 0.25, 0.87, 0.28
HSL	43°, 77%, 41%
HSV	43°, 87%, 72%
XYZ	28.7313, 28.1233, 4.7425
YIQ	137.7580, 64.0100, -25.7020

Conversions

Conversions Part 2

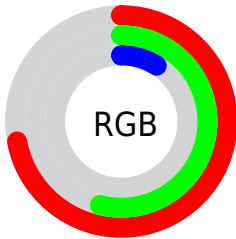
Format	Color
RYB	88, 183, 23
Decimal	12028183
CIELab	60.00, 7.98, 60.67
CIELCh	60, 61.188, 82.508
Yxy	28.1233, 0.4664, 0.4566
Android (android.graphics.Color)	4290218263 (0xFFB78917)
YUV	137.7580, -56.5757, 39.6772
Hunter-Lab	53.0314, 3.9026, 31.8198

Details

The CIELCh color **60, 61.188, 82.508** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **34, 70.576, 294.796**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 60.995, 82.453**, and **40, 48.974, 80.060** is the 20% darker color. If you saturate the color by 10%, you get **59, 64.094, 80.495**, and if you desaturate by 10%, it is **61, 56.317, 84.230**.

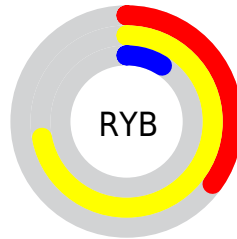
Distribution



Red (72%)

Green (54%)

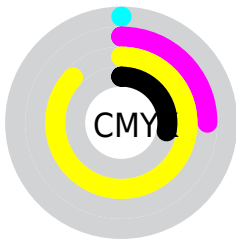
Blue (9%)



Red (35%)

Yellow (72%)

Blue (9%)

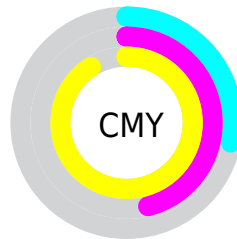


Cyan (0%)

Magenta (25%)

Yellow (87%)

Black (28%)



Cyan (28%)

Magenta (46%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 61.188, 82.508 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, 61.188, 82.508 by changing the saturation by 10% instead.

60, 61.188, 82.508

60, 61.188, 82.508

100, 61.188,
82.508

50, 61.188, 82.508

80, 61.188, 82.508

40, 61.188, 82.508

90, 61.188, 82.508

30, 61.188, 82.508

20, 61.188, 82.508

10, 61.188, 82.508

0, 61.188, 82.508

60, 61.188, 82.508

60, 61.188, 82.508

59, 64.094, 80.495

61, 56.317, 84.230

58, 64.785, 79.938

63, 50.035, 85.766

65, 42.954, 87.202

66, 35.490, 88.582

68, 27.888, 89.921

70, 20.284, 91.224

71, 12.748, 92.487

73, 5.316, 93.693

75, 1.999, 275.013

Harmonies

Complementary

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



60, 61.188, 82.508



34, 70.576, 294.796

Rectangle

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



60, 61.188, 82.508



60, 61.188, 132.508



60, 61.188, 262.508



60, 61.188, 312.508

Sweetspot

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



60, 61.187, 82.511



88, 23.837, 91.331



40, 63.659, 14.555



46, 16.327, 90.887



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



60, 61.187, 82.511



74, 78.516, 79.497



70, 74.060, 113.974



38, 4.161, 93.450



50, 57.436, 80.273



7, 10.156, 85.389

Inverse Universe

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



34, 70.576, 294.796



38, 100.764, 299.465



26, 95.266, 306.814



36, 4.179, 275.797



24, 71.460, 298.495



2, 12.260, 279.877

Previews

White Background



This preview shows how the CIE LCh color 60, 61.188, 82.508 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 60, 61.188, 82.508 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, 61.188, 82.508

Background



This preview shows how black text looks on a background with the CIELCh color 60, 61.188, 82.508.



This preview shows how white text looks on a background with the CIELCh color 60, 61.188, 82.508.

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, 61.188, 82.508

Protanopia

60, 59.341, 95.236

Deuteranopia

60, 61.188, 82.508



Tritanopia
60, 25.713, 11.117

Trichromacy



Original Color
60, 61.188, 82.508

Protanomaly
60, 59.531, 90.598

Deuteranomaly
60, 61.188, 82.508

Tritanomaly
60, 32.920, 57.170

Monochromacy



Original Color
60, 61.188, 82.508

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 24.709, 90.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 61.188, 82.508 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(183, 137, 23)` looks like.

```
.text, #text, p{  
    color:rgb(183, 137, 23)  
}
```

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(183, 137, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 137, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 61.188, 82.508 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(183, 137, 23) }
```

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

```
.border{ border-color:rgb(183, 137, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 137, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 137, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 137, 23);  
box-shadow:4px 4px 4px 4px rgb(183, 137,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 61.188, 82.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 137, 23) }
```

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

```
.background{ background-color: rgb(183,  
137, 23) }
```

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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