

Converting Colors

CIELCh(61, 52.421, 68.123)

Have a look what the booklet for
CIELCh(61, 52.421, 68.123) contains.

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Color

CIELCh(61, 52.483, 68.073)

Conversions

Conversions Part 1

Format	Color
Hex	C8843B
RGB	200, 132, 59
RGB Percent	78%, 52%, 23%
CMY	0.2141, 0.4810, 0.7673
CMYK	0.00, 0.34, 0.70, 0.21
HSL	31°, 56%, 51%
HSV	31°, 70%, 79%
XYZ	33.0207, 29.2481, 8.0877
YIQ	144.0100, 63.9610, -8.2870

Conversions

Conversions Part 2

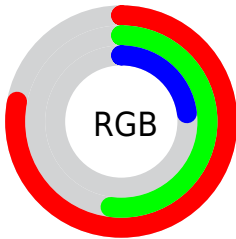
Format	Color
RYB	190, 200, 59
Decimal	13141051
CIELab	61.00, 19.60, 48.69
CIELCh	61, 52.483, 68.073
Yxy	29.2481, 0.4693, 0.4157
Android (android.graphics.Color)	4291331131 (0xFFC8843B)
YUV	144.0100, -41.9099, 49.1032
Hunter-Lab	54.0815, 14.3444, 28.9904

Details

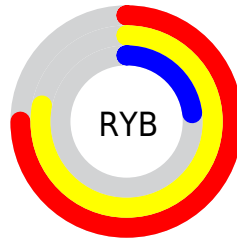
The CIELCh color **61, 52.483, 68.073** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **52, 44.251, 273.497**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 50.710, 69.853**, and **41, 52.310, 67.975** is the 20% darker color. If you saturate the color by 10%, you get **59, 60.000, 66.433**, and if you desaturate by 10%, it is **64, 44.490, 69.514**.

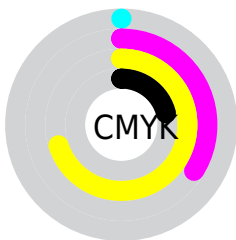
Distribution



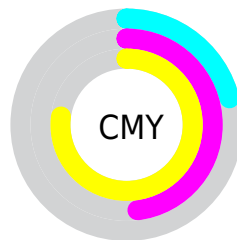
- Red (78%)
- Green (52%)
- Blue (23%)



- Red (75%)
- Yellow (78%)
- Blue (23%)



- Cyan (0%)
- Magenta (34%)
- Yellow (70%)
- Black (21%)



- Cyan (21%)
- Magenta (48%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 52.483, 68.073 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, 52.483, 68.073 by changing the saturation by 10% instead.

61, 52.483, 68.073

61, 52.483, 68.073

100, 52.483,
68.073

51, 52.483, 68.073

81, 52.483, 68.073

41, 52.483, 68.073

91, 52.483, 68.073

31, 52.483, 68.073

21, 52.483, 68.073

11, 52.483, 68.073

1, 52.483, 68.073

0, 52.483, 68.073

61, 52.483, 68.073

61, 52.483, 68.073

59, 60.000, 66.433

64, 44.490, 69.514

56, 66.265, 64.348

66, 36.467, 70.864

54, 70.676, 61.836

69, 28.632, 72.176

72, 21.077, 73.468

75, 13.832, 74.739

78, 6.895, 75.972

81, 0.248, 75.825

84, 6.135, 258.511

87, 12.280,
259.642

Harmonies

Complementary

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



61, 52.483, 68.073



52, 44.251, 273.497

Rectangle

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



61, 52.483, 68.073



61, 52.483, 118.073



61, 52.483, 248.073



61, 52.483, 298.073

Sweetspot

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



61, 52.482, 68.076



92, 17.356, 74.625



48, 61.168, 353.930



48, 11.820, 74.271



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 52.482, 68.076



72, 75.808, 65.507



78, 68.510, 104.773



40, 3.731, 76.093



45, 60.525, 62.440



7, 12.971, 59.622

Inverse Universe

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



52, 44.251, 273.497



60, 63.929, 279.528



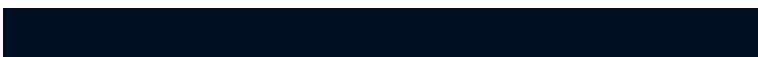
35, 85.639, 302.102



40, 3.661, 258.587



34, 53.058, 285.305



5, 14.305, 271.779

Previews

White Background



This preview shows how the CIELCh color 61, 52.483, 68.073 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, 52.483, 68.073 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, 52.483, 68.073

Background



This preview shows how black text looks on a background with the CIELCh color 61, 52.483, 68.073.



This preview shows how white text looks on a background with the CIELCh color 61, 52.483, 68.073.

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, 52.483, 68.073

Protanopia

61, 45.784, 95.838

Deuteranopia

61, 49.857, 80.628



Tritanopia
61, 33.646, 13.924

Trichromacy



Original Color
61, 52.483, 68.073

Protanomaly
61, 46.654, 84.798

Deuteranomaly
61, 50.409, 75.682

Tritanomaly
61, 35.786, 40.457

Monochromacy



Original Color
61, 52.483, 68.073

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 18.701, 73.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 52.483, 68.073 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(200, 132, 59)` looks like.

```
.text, #text, p{  
    color:rgb(200, 132, 59)  
}
```

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(200, 132, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 132, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 52.483, 68.073 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(200, 132, 59) }
```

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

```
.border{ border-color:rgb(200, 132, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 132, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 132, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 132, 59);  
box-shadow:4px 4px 4px 4px rgb(200, 132,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 52.483, 68.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 132, 59) }
```

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

```
.background{ background-color: rgb(200,  
132, 59) }
```

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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