

Converting Colors

CIELCh(69, 52.347, 80.119)

Have a look what the booklet for
CIELCh(69, 52.347, 80.119) contains.

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Color

CIELCh(69, 52.347, 80.119)

Conversions

Conversions Part 1

Format	Color
Hex	D1A048
RGB	209, 160, 72
RGB Percent	82%, 63%, 28%
CMY	0.1789, 0.3712, 0.7163
CMYK	0.00, 0.23, 0.65, 0.18
HSL	39°, 60%, 55%
HSV	39°, 65%, 82%
XYZ	40.2142, 39.3444, 11.6623
YIQ	164.6190, 57.4520, -16.9800

Conversions

Conversions Part 2

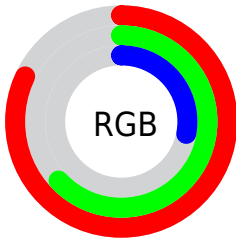
Format	Color
RYB	148, 209, 72
Decimal	13738056
CIELab	69.00, 8.98, 51.57
CIElCh	69, 52.347, 80.119
Yxy	39.3444, 0.4408, 0.4313
Android (android.graphics.Color)	4291928136 (0xFFD1A048)
YUV	164.6190, -45.6612, 38.9221
Hunter-Lab	62.7251, 4.6708, 32.8840

Details

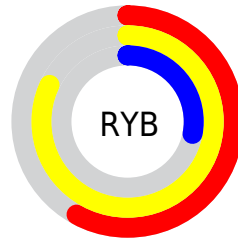
The CIELCh color **69, 52.347, 80.119** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **52, 51.694, 282.977**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 49.823, 86.498**, and **49, 52.391, 80.178** is the 20% darker color. If you saturate the color by 10%, you get **67, 59.733, 78.473**, and if you desaturate by 10%, it is **71, 44.339, 81.640**.

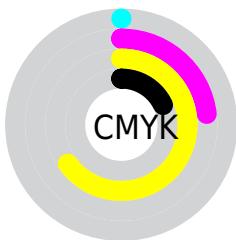
Distribution



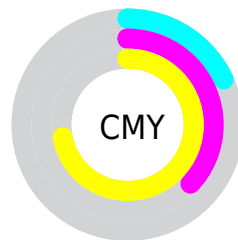
- Red (82%)
- Green (63%)
- Blue (28%)



- Red (58%)
- Yellow (82%)
- Blue (28%)



- Cyan (0%)
- Magenta (23%)
- Yellow (65%)
- Black (18%)



- Cyan (18%)
- Magenta (37%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 52.347, 80.119 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 69, 52.347, 80.119 by changing the saturation by 10% instead.

69, 52.347, 80.119

69, 52.347, 80.119

100, 52.347,
80.119

59, 52.347, 80.119

89, 52.347, 80.119

49, 52.347, 80.119

99, 52.347, 80.119

39, 52.347, 80.119

29, 52.347, 80.119

19, 52.347, 80.119

9, 52.347, 80.119

0, 52.347, 80.119

69, 52.347, 80.119

69, 52.347, 80.119

67, 59.733, 78.473

71, 44.339, 81.640

65, 65.828, 76.570

73, 36.117, 83.084

63, 69.785, 74.215

76, 27.902, 84.480

62, 71.111, 73.056

78, 19.806, 85.835

80, 11.878, 87.145

83, 4.135, 88.379

85, 3.421, 269.752

88, 10.801,
270.880

90, 15.256,
267.746

Harmonies

Complementary

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



69, 52.347, 80.119



52, 51.694, 282.977

Rectangle

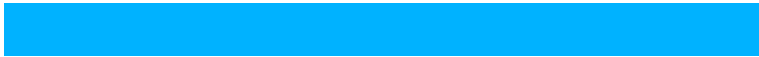
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 52.347, 80.119



69, 52.347, 130.119



69, 52.347, 260.119



69, 52.347, 310.119

Sweetspot

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



69, 52.347, 80.122



94, 18.145, 86.526



52, 57.928, 1.365



50, 12.423, 86.152



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 52.347, 80.122



79, 72.691, 77.669



80, 67.621, 110.815



43, 4.322, 87.907



51, 60.434, 73.568



11, 16.501, 75.898

Inverse Universe

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



52, 51.694, 282.977



55, 74.265, 288.030



40, 81.756, 303.277



41, 4.309, 270.397



30, 68.358, 294.907



4, 19.223, 281.940

Previews

White Background



This preview shows how the CIELCh color 69, 52.347, 80.119 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 69, 52.347, 80.119 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 52.347, 80.119

Background



This preview shows how black text looks on a background with the CIELCh color 69, 52.347, 80.119.



This preview shows how white text looks on a background with the CIELCh color 69, 52.347, 80.119.

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

69, 52.347, 80.119

Protanopia

69, 50.061, 95.850

Deuteranopia

69, 52.347, 80.119



Tritanopia
69, 26.250, 8.942

Trichromacy



Original Color
69, 52.347, 80.119

Protanomaly
69, 50.408, 90.152

Deuteranomaly
69, 52.347, 80.119

Tritanomaly
69, 29.269, 48.759

Monochromacy



Original Color
69, 52.347, 80.119

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 19.100, 85.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 52.347, 80.119 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(209, 160, 72)` looks like.

```
.text, #text, p{  
    color:rgb(209, 160, 72)  
}
```

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(209, 160, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 160, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 52.347, 80.119 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(209, 160, 72) }
```

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

```
.border{ border-color:rgb(209, 160, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 160, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 160, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 160, 72);  
box-shadow:4px 4px 4px 4px rgb(209, 160,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 52.347, 80.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 160, 72) }
```

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

```
.background{ background-color: rgb(209,  
160, 72) }
```

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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