

Converting Colors

CIELCh(69, 38.676, 74.505)

Have a look what the booklet for
CIELCh(69, 38.676, 74.505) contains.

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Color

CIELCh(69, 38.676, 74.505)

Conversions

Conversions Part 1

Format	Color
Hex	CFA065
RGB	207, 160, 101
RGB Percent	81%, 63%, 40%
CMY	0.1883, 0.3725, 0.6039
CMYK	0.00, 0.23, 0.51, 0.19
HSL	33°, 52%, 60%
HSV	33°, 51%, 81%
XYZ	40.6496, 39.3444, 17.7627
YIQ	167.3270, 46.9510, -8.3850

Conversions

Conversions Part 2

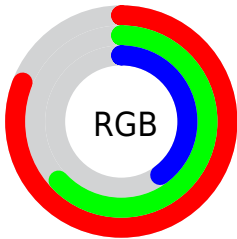
Format	Color
RYB	185, 207, 101
Decimal	13607013
CIELab	69.00, 10.33, 37.27
CIElCh	69, 38.676, 74.505
Yxy	39.3444, 0.4158, 0.4025
Android (android.graphics.Color)	4291797093 (0xFFCFA065)
YUV	167.3270, -32.6992, 34.7932
Hunter-Lab	62.7251, 5.9096, 27.1176

Details

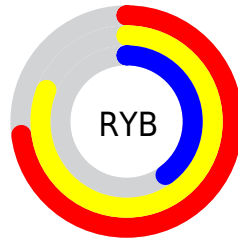
The CIELCh color **69, 38.676, 74.505** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **60, 35.202, 271.170**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 36.253, 80.767**, and **49, 38.844, 74.990** is the 20% darker color. If you saturate the color by 10%, you get **66, 46.830, 73.072**, and if you desaturate by 10%, it is **72, 30.614, 75.894**.

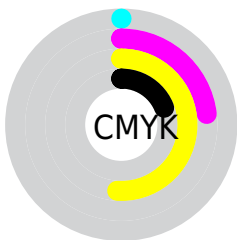
Distribution



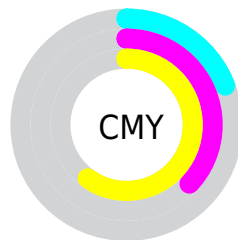
- Red (81%)
- Green (63%)
- Blue (40%)



- Red (73%)
- Yellow (81%)
- Blue (40%)



- Cyan (0%)
- Magenta (23%)
- Yellow (51%)
- Black (19%)



- Cyan (19%)
- Magenta (37%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 38.676, 74.505 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, 38.676, 74.505 by changing the saturation by 10% instead.

69, 38.676, 74.505

69, 38.676, 74.505

100, 38.676,
74.505

59, 38.676, 74.505

89, 38.676, 74.505

49, 38.676, 74.505

99, 38.676, 74.505

39, 38.676, 74.505

29, 38.676, 74.505

19, 38.676, 74.505

9, 38.676, 74.505

0, 38.676, 74.505

69, 38.676, 74.505

69, 38.676, 74.505

66, 46.830, 73.072

72, 30.614, 75.894

64, 54.813, 71.528

74, 22.768, 77.245

62, 62.120, 69.760

77, 15.184, 78.565

59, 67.920, 67.541

80, 7.874, 79.842

58, 71.492, 65.154

83, 0.826, 80.745

86, 5.978, 262.424

89, 12.560,
263.572

91, 13.995,
252.356

94, 13.261,
227.727

Harmonies

Complementary

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



69, 38.676, 74.505



60, 35.202, 271.170

Rectangle

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



69, 38.676, 74.505



69, 38.676, 124.505



69, 38.676, 254.505



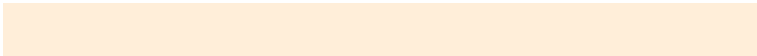
69, 38.676, 304.505

Sweetspot

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



69, 38.676, 74.509



95, 12.576, 79.342



57, 47.610, 352.388



50, 8.615, 79.069



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, 38.676, 74.509



80, 55.308, 72.993



81, 53.975, 107.711



43, 4.005, 80.063



47, 61.181, 65.726



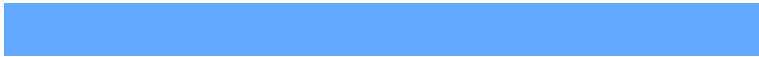
10, 15.834, 65.668

Inverse Universe

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



60, 35.202, 271.170



68, 49.610, 274.404



48, 62.200, 298.939



42, 3.951, 262.599



34, 58.673, 288.830



5, 17.436, 276.711

Previews

White Background



This preview shows how the CIELCh color 69, 38.676, 74.505 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, 38.676, 74.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

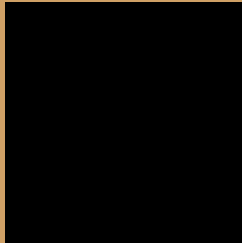
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 38.676, 74.505

Background



This preview shows how black text looks on a background with the CIELCh color 69, 38.676, 74.505.



This preview shows how white text looks on a background with the CIELCh color 69, 38.676, 74.505.

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, 38.676, 74.505

Protanopia

69, 35.635, 96.102

Deuteranopia

69, 38.343, 76.487



Tritanopia
69, 24.740, 6.645

Trichromacy



Original Color
69, 38.676, 74.505

Protanomaly
69, 36.025, 88.352

Deuteranomaly
69, 38.588, 75.938

Tritanomaly
69, 24.577, 39.269

Monochromacy



Original Color
69, 38.676, 74.505

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 13.646, 76.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 38.676, 74.505 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(207, 160, 101)` looks like.

```
.text, #text, p{  
    color:rgb(207, 160, 101)  
}
```

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(207, 160, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 160, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 38.676, 74.505 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(207, 160, 101) }
```

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

```
.border{ border-color:rgb(207, 160, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 160, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 160, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 160, 101);  
box-shadow:4px 4px 4px 4px rgb(207, 160,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 38.676, 74.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 160, 101) }
```

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

```
.background{ background-color: rgb(207,  
160, 101) }
```

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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