

Converting Colors

CIELCh(71, 37.545, 84.297)

Have a look what the booklet for
CIELCh(71, 37.545, 84.297) contains.

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Color

CIELCh(71, 37.571, 84.225)

Conversions

Conversions Part 1

Format	Color
Hex	CAA969
RGB	202, 169, 105
RGB Percent	79%, 66%, 41%
CMY	0.2060, 0.3355, 0.5866
CMYK	0.00, 0.16, 0.48, 0.21
HSL	40°, 48%, 60%
HSV	40°, 48%, 79%
XYZ	41.3229, 42.1875, 19.4407
YIQ	171.5710, 40.2120, -12.9080

Conversions

Conversions Part 2

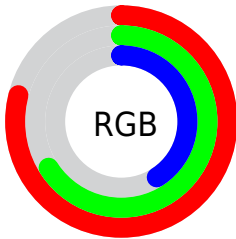
Format	Color
RYB	155, 202, 105
Decimal	13281641
CIELab	71.00, 3.78, 37.38
CIElCh	71, 37.571, 84.225
Yxy	42.1875, 0.4014, 0.4098
Android (android.graphics.Color)	4291471721 (0xFFCAA969)
YUV	171.5710, -32.8195, 26.6862
Hunter-Lab	64.9519, -0.1027, 27.7202

Details

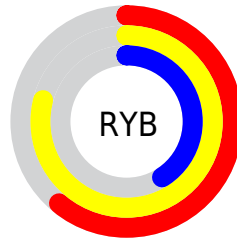
The CIELCh color **71, 37.571, 84.225** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **58, 37.200, 279.192**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 36.776, 87.440**, and **51, 37.526, 83.965** is the 20% darker color. If you saturate the color by 10%, you get **69, 45.561, 82.783**, and if you desaturate by 10%, it is **73, 29.515, 85.625**.

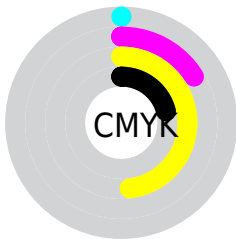
Distribution



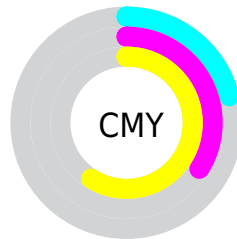
- Red (79%)
- Green (66%)
- Blue (41%)



- Red (61%)
- Yellow (79%)
- Blue (41%)



- Cyan (0%)
- Magenta (16%)
- Yellow (48%)
- Black (21%)



- Cyan (21%)
- Magenta (34%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 37.571, 84.225 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 71, 37.571, 84.225 by changing the saturation by 10% instead.

■ 71, 37.571, 84.225

■ 71, 37.571, 84.225

■ 100, 37.571,
84.225

■ 61, 37.571, 84.225

■ 91, 37.571, 84.225

■ 51, 37.571, 84.225

■ 41, 37.571, 84.225

■ 31, 37.571, 84.225

■ 21, 37.571, 84.225

■ 11, 37.571, 84.225

■ 1, 37.571, 84.225

■ 0, 37.571, 84.225

■ 71, 37.571, 84.225

■ 71, 37.571, 84.225

69, 45.561, 82.783

73, 29.515, 85.625

67, 53.224, 81.257

75, 21.526, 86.979

65, 60.104, 79.588

77, 13.671, 88.291

63, 65.492, 77.648

80, 5.977, 89.543

62, 68.749, 75.282

82, 1.549, 270.976

61, 69.341, 74.787

84, 8.912, 272.025

87, 16.121,
273.143

89, 17.253,
266.587

90, 15.272,
252.494

Harmonies

Complementary

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



71, 37.571, 84.225



58, 37.200, 279.192

Rectangle

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



71, 37.571, 84.225



71, 37.571, 134.225



71, 37.571, 264.225



71, 37.571, 314.225

Sweetspot

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



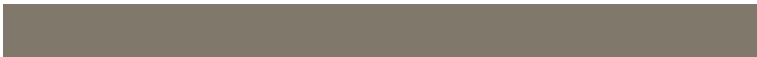
71, 37.571, 84.229



96, 12.814, 88.769



57, 42.219, 358.630



51, 8.869, 88.491



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 37.571, 84.229



85, 55.005, 82.657



79, 50.263, 112.562



42, 4.307, 89.366



51, 59.772, 75.244



10, 15.309, 77.864

Inverse Universe

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



58, 37.200, 279.192



65, 54.812, 282.175



50, 56.842, 301.060



40, 4.303, 271.826



28, 69.472, 295.902



4, 18.077, 281.702

Previews

White Background



This preview shows how the CIELCh color 71, 37.571, 84.225 looks on a white background.

Color Contrast Check

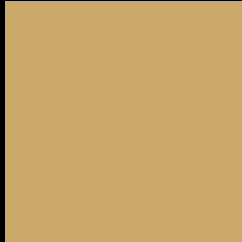
Large Text (above 18pt) WCAG AA × Fail

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 71, 37.571, 84.225 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 71, 37.571, 84.225

Background



This preview shows how black text looks on a background with the CIELCh color 71, 37.571, 84.225.



This preview shows how white text looks on a background with the CIELCh color 71, 37.571, 84.225.

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

71, 37.571, 84.225

Protanopia

71, 36.577, 95.729

Deuteranopia

71, 38.355, 76.098



Tritanopia
71, 19.743, 0.413

Trichromacy



Original Color
71, 37.571, 84.225

Protanomaly
71, 36.897, 90.973

Deuteranomaly
71, 37.841, 78.667

Tritanomaly
71, 19.420, 45.343

Monochromacy



Original Color
71, 37.571, 84.225

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 13.412, 87.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 37.571, 84.225 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(202, 169, 105)` looks like.

```
.text, #text, p{  
    color:rgb(202, 169, 105)  
}
```

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(202, 169, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 169, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 37.571, 84.225 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(202, 169, 105) }
```

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

```
.border{ border-color:rgb(202, 169, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 169, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 169, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 169, 105);  
box-shadow:4px 4px 4px 4px rgb(202, 169,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 37.571, 84.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 169, 105) }
```

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

```
.background{ background-color: rgb(202,  
169, 105) }
```

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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