

Converting Colors

CIELCh(64, 38.094, 70.779)

Have a look what the booklet for
CIELCh(64, 38.094, 70.779) contains.

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Color

CIELCh(64, 37.974, 70.644)

Conversions

Conversions Part 1

Format	Color
Hex	C3915B
RGB	195, 145, 91
RGB Percent	76%, 57%, 36%
CMY	0.2335, 0.4297, 0.6416
CMYK	0.00, 0.26, 0.53, 0.23
HSL	31°, 47%, 56%
HSV	31°, 53%, 77%
XYZ	34.7169, 32.8017, 14.4874
YIQ	153.7940, 47.1340, -6.1940

Conversions

Conversions Part 2

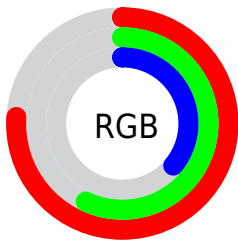
Format	Color
RYB	187, 195, 91
Decimal	12816731
CIELab	64.00, 12.59, 35.83
CIELCh	64, 37.974, 70.644
Yxy	32.8017, 0.4233, 0.4000
Android (android.graphics.Color)	4291006811 (0xFFC3915B)
YUV	153.7940, -30.9574, 36.1377
Hunter-Lab	57.2727, 7.9738, 25.0932

Details

The CIELCh color **64, 37.974, 70.644** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **57, 33.196, 267.870**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 38.112, 70.747**, and **44, 37.933, 71.379** is the 20% darker color. If you saturate the color by 10%, you get **61, 45.851, 69.280**, and if you desaturate by 10%, it is **67, 30.233, 71.970**.

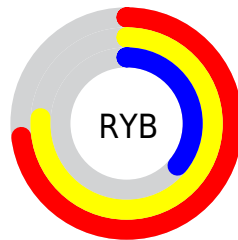
Distribution



Red (76%)

Green (57%)

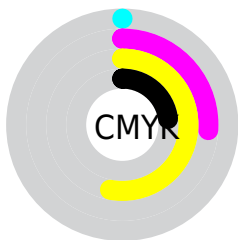
Blue (36%)



Red (73%)

Yellow (76%)

Blue (36%)

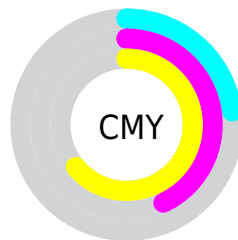


Cyan (0%)

Magenta (26%)

Yellow (53%)

Black (23%)



Cyan (23%)

Magenta (43%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 37.974, 70.644 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 64, 37.974, 70.644 by changing the saturation by 10% instead.

64, 37.974, 70.644

64, 37.974, 70.644

100, 37.974,
70.644

54, 37.974, 70.644

84, 37.974, 70.644

44, 37.974, 70.644

94, 37.974, 70.644

34, 37.974, 70.644

24, 37.974, 70.644

14, 37.974, 70.644

4, 37.974, 70.644

0, 37.974, 70.644

64, 37.974, 70.644

64, 37.974, 70.644

61, 45.851, 69.280

67, 30.233, 71.970

59, 53.602, 67.799

69, 22.747, 73.268

57, 60.712, 66.063

72, 15.559, 74.545

54, 66.332, 63.800

75, 8.672, 75.793

53, 69.309, 62.036

78, 2.074, 76.905

81, 4.260, 258.361

84, 10.354,
259.483

87, 16.235,
260.599

90, 16.911,
249.465

Harmonies

Complementary

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



64, 37.974, 70.644



57, 33.196, 267.870

Rectangle

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



64, 37.974, 70.644



64, 37.974, 120.644



64, 37.974, 250.644



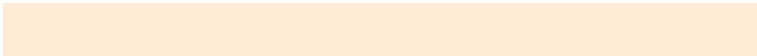
64, 37.974, 300.644

Sweetspot

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



64, 37.974, 70.648



94, 13.090, 75.422



53, 47.845, 350.536



49, 8.878, 75.161



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 37.974, 70.648



78, 57.715, 69.028



77, 53.334, 105.988



39, 3.656, 76.260



44, 59.781, 62.622



7, 11.525, 60.442

Inverse Universe

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



57, 33.196, 267.870



68, 49.179, 271.664



44, 61.970, 298.484



39, 3.588, 258.748



34, 52.541, 285.390



4, 13.086, 270.954

Previews

White Background



This preview shows how the CIELCh color 64, 37.974, 70.644 looks on a white background.

Color Contrast Check

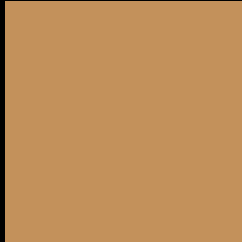
Large Text (above 18pt) WCAG AA × Fail

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 64, 37.974, 70.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

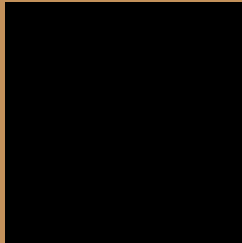
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 37.974, 70.644

Background



This preview shows how black text looks on a background with the CIELCh color 64, 37.974, 70.644.



This preview shows how white text looks on a background with the CIELCh color 64, 37.974, 70.644.

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

64, 37.974, 70.644

Protanopia

64, 33.527, 95.251

Deuteranopia

64, 36.807, 76.804



Tritanopia
64, 25.478, 8.430

Trichromacy



Original Color
64, 37.974, 70.644

Protanomaly
64, 34.202, 86.211

Deuteranomaly
64, 37.141, 74.703

Tritanomaly
64, 25.303, 37.935

Monochromacy



Original Color
64, 37.974, 70.644

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 13.401, 75.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 37.974, 70.644 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(195, 145, 91)` looks like.

```
.text, #text, p{  
    color:rgb(195, 145, 91)  
}
```

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(195, 145, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 145, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 37.974, 70.644 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(195, 145, 91) }
```

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

```
.border{ border-color:rgb(195, 145, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 145, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 145, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 145, 91);  
box-shadow:4px 4px 4px 4px rgb(195, 145,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 37.974, 70.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 145, 91) }
```

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

```
.background{ background-color: rgb(195,  
145, 91) }
```

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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