

Converting Colors

CIELCh(72, 37.838, 93.988)

Have a look what the booklet for
CIELCh(72, 37.838, 93.988) contains.

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Color

CIELCh(72, 37.808, 94.019)

Conversions

Conversions Part 1

Format	Color
Hex	C3B06B
RGB	195, 176, 107
RGB Percent	76%, 69%, 42%
CMY	0.2357, 0.3102, 0.5808
CMYK	0.00, 0.10, 0.45, 0.24
HSL	47°, 42%, 59%
HSV	47°, 45%, 76%
XYZ	40.6330, 43.6590, 20.1692
YIQ	173.8150, 33.4730, -17.4310

Conversions

Conversions Part 2

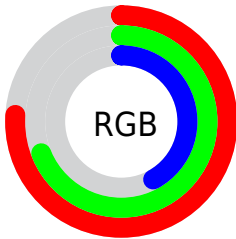
Format	Color
RYB	131, 195, 107
Decimal	12824683
CIELab	72.00, -2.65, 37.72
CIElCh	72, 37.808, 94.019
Yxy	43.6590, 0.3890, 0.4179
Android (android.graphics.Color)	4291014763 (0xFFC3B06B)
YUV	173.8150, -32.9398, 18.5792
Hunter-Lab	66.0750, -5.8622, 28.1544

Details

The CIELCh color **72, 37.808, 94.019** is a light color, and the websafe version is hex **999966**. A complement of this color would be **54, 39.911, 286.722**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 37.876, 93.720**, and **52, 37.770, 93.922** is the 20% darker color. If you saturate the color by 10%, you get **71, 45.920, 92.756**, and if you desaturate by 10%, it is **73, 29.464, 95.270**.

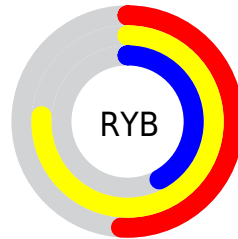
Distribution



Red (76%)

Green (69%)

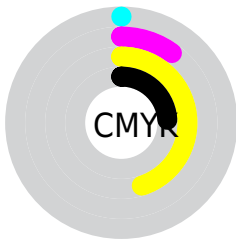
Blue (42%)



Red (51%)

Yellow (76%)

Blue (42%)

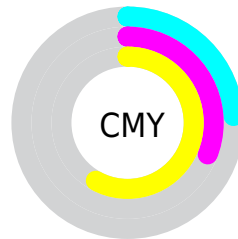


Cyan (0%)

Magenta (10%)

Yellow (45%)

Black (24%)



Cyan (24%)

Magenta (31%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 37.808, 94.019 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 72, 37.808, 94.019 by changing the saturation by 10% instead.

■ 72, 37.808, 94.019

■ 72, 37.808, 94.019

■ 100, 37.808,
94.019

■ 62, 37.808, 94.019

■ 92, 37.808, 94.019

■ 52, 37.808, 94.019

■ 42, 37.808, 94.019

■ 32, 37.808, 94.019

■ 22, 37.808, 94.019

■ 12, 37.808, 94.019

■ 2, 37.808, 94.019

■ 0, 37.808, 94.019

■ 72, 37.808, 94.019

■ 72, 37.808, 94.019

71, 45.920, 92.756

73, 29.464, 95.270

69, 53.532, 91.468

75, 21.040, 96.492

68, 60.218, 90.143

76, 12.624, 97.682

67, 65.373, 88.744

78, 4.263, 98.817

66, 68.362, 87.200

80, 4.018, 280.016

65, 69.310, 86.416

81, 12.208,
281.064

83, 20.304,
282.086

84, 24.282,
280.944

85, 22.338,
276.112

Harmonies

Complementary

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



72, 37.808, 94.019



54, 39.911, 286.722

Rectangle

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



72, 37.808, 94.019



72, 37.808, 144.019



72, 37.808, 274.019



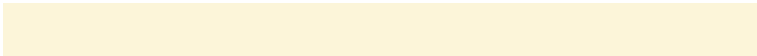
72, 37.808, 324.019

Sweetspot

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



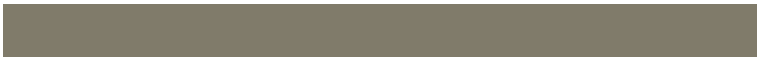
72, 37.809, 94.023



96, 14.390, 97.791



56, 37.389, 7.872



52, 10.026, 97.533



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 37.809, 94.023



89, 55.493, 92.795



75, 46.978, 118.542



40, 4.689, 98.350



55, 60.137, 86.686



10, 14.230, 91.520

Inverse Universe

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



54, 39.911, 286.722



63, 59.833, 289.034



51, 51.870, 304.624



38, 4.737, 280.581



23, 80.622, 301.609



2, 16.560, 284.540

Previews

White Background



This preview shows how the CIELCh color 72, 37.808, 94.019 looks on a white background.

Color Contrast Check

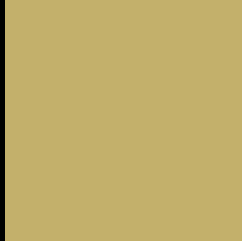
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 37.808, 94.019 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 72, 37.808, 94.019

Background



This preview shows how black text looks on a background with the CIELCh color 72, 37.808, 94.019.



This preview shows how white text looks on a background with the CIELCh color 72, 37.808, 94.019.

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

72, 37.808, 94.019

Protanopia

72, 37.997, 96.046

Deuteranopia

72, 38.218, 76.191



Tritanopia
72, 15.036, 352.853

Trichromacy



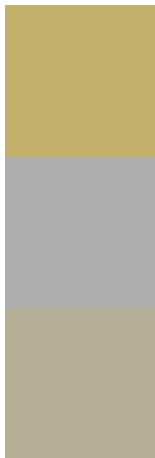
Original Color
72, 37.808, 94.019

Protanomaly
72, 38.085, 95.410

Deuteranomaly
72, 37.825, 83.116

Tritanomaly
72, 14.922, 58.073

Monochromacy



Original Color
72, 37.808, 94.019

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 13.834, 97.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 37.808, 94.019 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, 176, 107)` looks like.

```
.text, #text, p{  
    color:rgb(195, 176, 107)  
}
```

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, 176, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 176, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 37.808, 94.019 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, 176, 107) }
```

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

```
.border{ border-color:rgb(195, 176, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 176, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 176, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 176, 107);  
box-shadow:4px 4px 4px 4px rgb(195, 176,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 37.808, 94.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 176, 107) }
```

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

```
.background{ background-color: rgb(195,  
176, 107) }
```

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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