

Converting Colors

CIELCh(72, 39.413, 91.108)

Have a look what the booklet for
CIELCh(72, 39.413, 91.108) contains.

CIELCh(72, 39.413, 91.108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 39.413, 91.108)

Conversions

Conversions Part 1	
Format	Color
Hex	C7AF68
RGB	199, 175, 104
RGB Percent	78%, 69%, 41%
CMY	0.2207, 0.3147, 0.5931
CMYK	0.00, 0.12, 0.48, 0.22
HSL	45°, 46%, 59%
HSV	45°, 48%, 78%
XYZ	41.2470, 43.6590, 19.2852
YIQ	174.0820, 37.0950, -16.9930

Conversions

Conversions Part 2

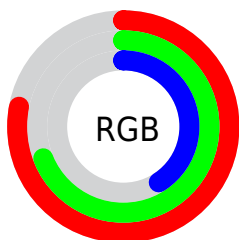
Format	Color
RYB	136, 199, 104
Decimal	13086568
CIELab	72.00, -0.76, 39.41
CIELCh	72, 39.413, 91.108
Yxy	43.6590, 0.3959, 0.4190
Android (android.graphics.Color)	4291276648 (0xFFC7AF68)
YUV	174.0820, -34.5504, 21.8531
Hunter-Lab	66.0750, -4.2035, 28.9476

Details

The CIELCh color **72, 39.413, 91.108** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **54, 41.089, 285.171**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 39.198, 92.208**, and **52, 39.262, 91.313** is the 20% darker color. If you saturate the color by 10%, you get **70, 47.444, 89.774**, and if you desaturate by 10%, it is **74, 31.152, 92.418**.

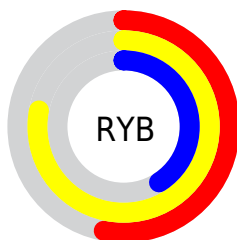
Distribution



Red (78%)

Green (69%)

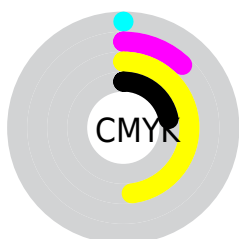
Blue (41%)



Red (53%)

Yellow (78%)

Blue (41%)

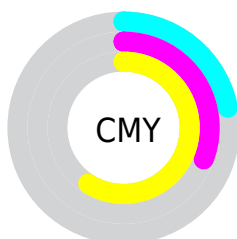


Cyan (0%)

Magenta (12%)

Yellow (48%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 39.413, 91.108 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, 39.413, 91.108 by changing the saturation by 10% instead.

 72, 39.413, 91.108

 72, 39.413, 91.108

 100, 39.413,
91.108

 62, 39.413, 91.108

 92, 39.413, 91.108

 52, 39.413, 91.108

 42, 39.413, 91.108

 32, 39.413, 91.108

 22, 39.413, 91.108

 12, 39.413, 91.108

 2, 39.413, 91.108

 0, 39.413, 91.108

 72, 39.413, 91.108

 72, 39.413, 91.108

 70, 47.444, 89.774

 74, 31.152, 92.418

 69, 54.950, 88.391

 75, 22.829, 93.694

 68, 61.453, 86.932

 77, 14.535, 94.934

 66, 66.285, 85.328


 79, 6.320, 96.124


 65, 68.924, 83.486

 81, 1.795, 277.422

 65, 69.404, 83.072

 82, 9.800, 278.455

 84, 17.694,
279.516

 86, 21.554,
277.789

 87, 19.419,
270.829

Harmonies

Complementary

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



72, 39.413, 91.108



54, 41.089, 285.171

Rectangle

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



72, 39.413, 91.108



72, 39.413, 141.108



72, 39.413, 271.108



72, 39.413, 321.108

Sweetspot

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



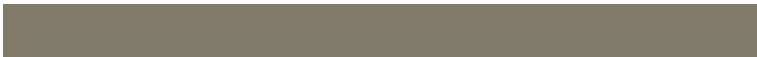
72, 39.414, 91.112



97, 13.975, 95.367



56, 40.579, 4.662



51, 9.661, 95.103



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, 39.414, 91.112



88, 57.293, 89.766



77, 49.912, 116.266



41, 4.611, 95.939



54, 60.033, 83.400



10, 15.116, 87.507

Inverse Universe

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



54, 41.089, 285.171



63, 60.898, 287.736



50, 55.895, 303.414



39, 4.645, 278.247



24, 78.025, 300.216



3, 17.797, 284.175

Previews

White Background



This preview shows how the CIELCh color 72, 39.413, 91.108 looks on a white background.

Color Contrast Check

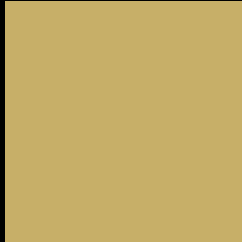
Large Text (above 18pt) WCAG AA × Fail

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 72, 39.413, 91.108 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, 39.413, 91.108

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.413, 91.108.

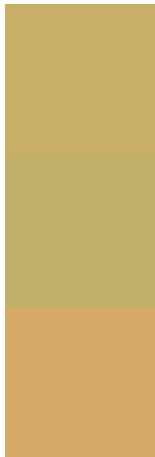


This preview shows how white text looks on a background with the CIELCh color 72, 39.413, 91.108.

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, 39.413, 91.108

Protanopia

72, 39.506, 96.256

Deuteranopia

72, 40.084, 77.385



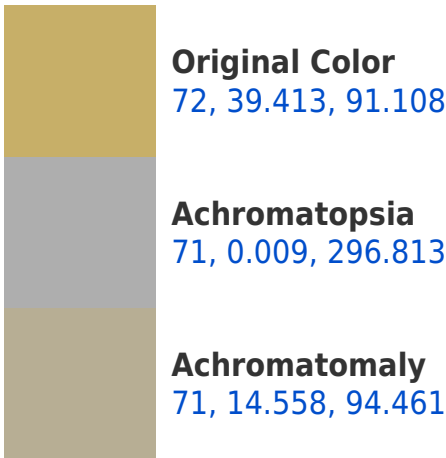
Tritanopia

72, 16.778, 356.183

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.413, 91.108 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(199, 175, 104)` looks like.

```
.text, #text, p{  
    color:rgb(199, 175, 104)  
}
```

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(199, 175, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 175, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.413, 91.108 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(199, 175, 104) }
```

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

```
.border{ border-color:rgb(199, 175, 104) }
```

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

Here you see how a box with a 4 pixel rgb(199, 175, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 175, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 175, 104);  
box-shadow:4px 4px 4px 4px rgb(199, 175,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.413, 91.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 175, 104) }
```

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

```
.background{ background-color: rgb(199,  
175, 104) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor