

Converting Colors

CIELCh(72, 39.315, 91.344)

Have a look what the booklet for
CIELCh(72, 39.315, 91.344) contains.

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Color

CIELCh(72, 39.290, 91.716)

Conversions

Conversions Part 1

Format	Color
Hex	C6AF68
RGB	198, 175, 104
RGB Percent	78%, 69%, 41%
CMY	0.2236, 0.3137, 0.5922
CMYK	0.00, 0.12, 0.47, 0.22
HSL	45°, 45%, 59%
HSV	45°, 47%, 78%
XYZ	41.1116, 43.6590, 19.3539
YIQ	173.7830, 36.4990, -17.2050

Conversions

Conversions Part 2

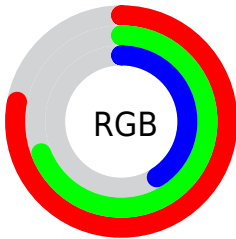
Format	Color
RYB	134, 198, 104
Decimal	13021032
CIELab	72.00, -1.18, 39.27
CIELCh	72, 39.290, 91.716
Yxy	43.6590, 0.3948, 0.4193
Android (android.graphics.Color)	4291211112 (0xFFC6AF68)
YUV	173.7830, -34.4030, 21.2383
Hunter-Lab	66.0750, -4.5691, 28.8859

Details

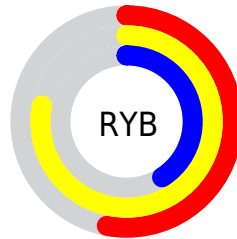
The CIELCh color **72, 39.290, 91.716** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **54, 41.102, 285.575**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 39.198, 92.208**, and **52, 39.135, 91.983** is the 20% darker color. If you saturate the color by 10%, you get **70, 47.329, 90.396**, and if you desaturate by 10%, it is **74, 31.015, 93.014**.

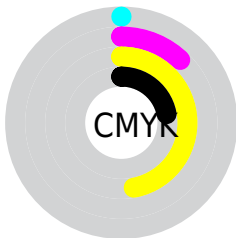
Distribution



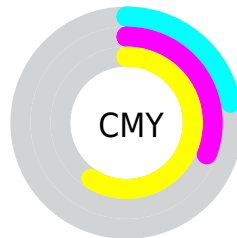
- Red (78%)
- Green (69%)
- Blue (41%)



- Red (53%)
- Yellow (78%)
- Blue (41%)



- Cyan (0%)
- Magenta (12%)
- Yellow (47%)
- Black (22%)



- Cyan (22%)
- Magenta (31%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 39.290, 91.716 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, 39.290, 91.716 by changing the saturation by 10% instead.

■ 72, 39.290, 91.716

■ 72, 39.290, 91.716

■ 100, 39.290,
91.716

■ 62, 39.290, 91.716

■ 92, 39.290, 91.716

■ 52, 39.290, 91.716

■ 42, 39.290, 91.716

■ 32, 39.290, 91.716

■ 22, 39.290, 91.716

■ 12, 39.290, 91.716

■ 2, 39.290, 91.716

■ 0, 39.290, 91.716

■ 72, 39.290, 91.716

■ 72, 39.290, 91.716

70, 47.329, 90.396

74, 31.015, 93.014

69, 54.839, 89.033

75, 22.669, 94.279

68, 61.349, 87.602

77, 14.347, 95.510

66, 66.199, 86.039

79, 6.097, 96.691

65, 68.850, 84.257

80, 2.057, 277.965

65, 69.385, 83.798

82, 10.106,
279.005

84, 18.049,
280.059

86, 22.128,
278.598

87, 20.022,
272.161

Harmonies

Complementary

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



72, 39.290, 91.716



54, 41.102, 285.575

Rectangle

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



72, 39.290, 91.716



72, 39.290, 141.716



72, 39.290, 271.716



72, 39.290, 321.716

Sweetspot

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



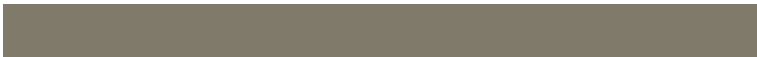
72, 39.291, 91.720



97, 14.087, 95.902



56, 40.075, 5.842



51, 9.738, 95.640



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, 39.291, 91.720



89, 57.622, 90.345



76, 49.592, 117.003



41, 4.649, 96.471



54, 60.185, 84.108



10, 15.246, 88.285

Inverse Universe

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



54, 41.102, 285.575



62, 61.557, 288.201



50, 55.366, 303.866



39, 4.686, 278.765



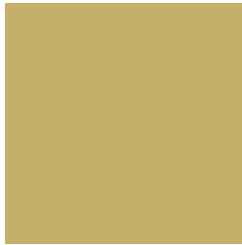
24, 78.825, 300.540



3, 17.907, 284.458

Previews

White Background



This preview shows how the CIELCh color 72, 39.290, 91.716 looks on a white background.

Color Contrast Check

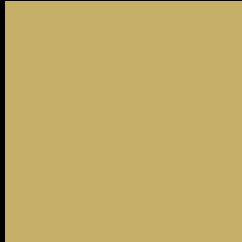
Large Text (above 18pt) WCAG AA × Fail

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, 39.290, 91.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

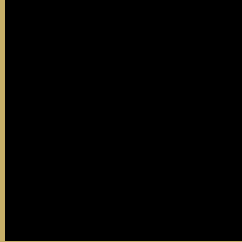
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 39.290, 91.716

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.290, 91.716.

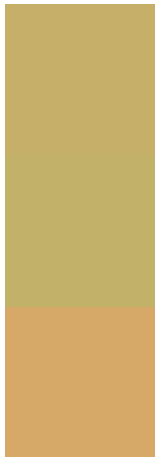


This preview shows how white text looks on a background with the CIELCh color 72, 39.290, 91.716.

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, 39.290, 91.716

Protanopia

72, 39.004, 96.189

Deuteranopia

72, 40.084, 77.385



Tritanopia
72, 16.428, 355.570

Trichromacy



Original Color
72, 39.290, 91.716

Protanomaly
72, 38.812, 94.212

Deuteranomaly
72, 39.219, 82.383

Tritanomaly
72, 16.276, 54.564

Monochromacy



Original Color
72, 39.290, 91.716

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 14.032, 93.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.290, 91.716 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(198, 175, 104)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 175, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 175, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.290, 91.716 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(198, 175, 104) }
```

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

```
.border{ border-color:rgb(198, 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(198, 175, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 175, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 175, 104);  
box-shadow:4px 4px 4px 4px rgb(198, 175,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.290, 91.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 175, 104) }
```

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

```
.background{ background-color: rgb(198,  
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](#).

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