

Converting Colors

CIELCh(73, 36.414, 92.464)

Have a look what the booklet for
CIELCh(73, 36.414, 92.464) contains.

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Color

CIELCh(73, 36.448, 92.437)

Conversions

Conversions Part 1

Format	Color
Hex	C7B270
RGB	199, 178, 112
RGB Percent	78%, 70%, 44%
CMY	0.2195, 0.3019, 0.5607
CMYK	0.00, 0.11, 0.44, 0.22
HSL	46°, 44%, 61%
HSV	46°, 44%, 78%
XYZ	42.4092, 45.1644, 21.8171
YIQ	176.7550, 33.7020, -16.0740

Conversions

Conversions Part 2

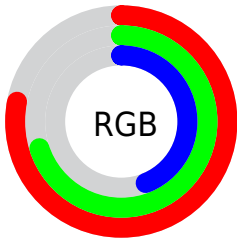
Format	Color
RYB	140, 199, 112
Decimal	13087344
CIELab	73.00, -1.55, 36.42
CIElCh	73, 36.448, 92.437
Yxy	45.1644, 0.3877, 0.4129
Android (android.graphics.Color)	4291277424 (0xFFC7B270)
YUV	176.7550, -31.9242, 19.5089
Hunter-Lab	67.2044, -4.9658, 27.7953

Details

The CIELCh color **73, 36.448, 92.437** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56, 37.961, 284.916**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 36.224, 94.005**, and **53, 36.301, 93.052** is the 20% darker color. If you saturate the color by 10%, you get **71, 44.649, 91.133**, and if you desaturate by 10%, it is **75, 28.080, 93.721**.

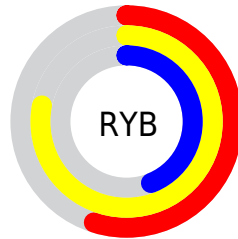
Distribution



Red (78%)

Green (70%)

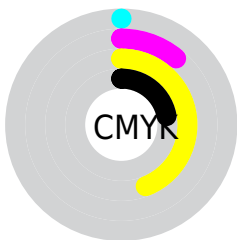
Blue (44%)



Red (55%)

Yellow (78%)

Blue (44%)

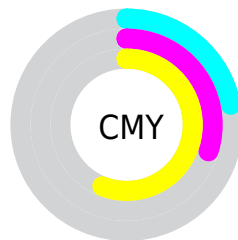


Cyan (0%)

Magenta (11%)

Yellow (44%)

Black (22%)



Cyan (22%)

Magenta (30%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 36.448, 92.437 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 73, 36.448, 92.437 by changing the saturation by 10% instead.

■ 73, 36.448, 92.437

■ 73, 36.448, 92.437

■ 100, 36.448,
92.437

■ 63, 36.448, 92.437

■ 93, 36.448, 92.437

■ 53, 36.448, 92.437

■ 43, 36.448, 92.437

■ 33, 36.448, 92.437

■ 23, 36.448, 92.437

■ 13, 36.448, 92.437

■ 3, 36.448, 92.437

■ 0, 36.448, 92.437

■ 73, 36.448, 92.437

■ 73, 36.448, 92.437

71, 44.649, 91.133

75, 28.080, 93.721

70, 52.439, 89.793

76, 19.678, 94.971

69, 59.416, 88.401

78, 11.319, 96.183

67, 64.983, 86.910

80, 3.041, 97.320

66, 68.446, 85.233

81, 5.138, 278.551

65, 69.730, 84.091

83, 13.212,
279.620

85, 21.180,
280.655

86, 20.835,
276.023

88, 18.867,
268.982

Harmonies

Complementary

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



73, 36.448, 92.437



56, 37.961, 284.916

Rectangle

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



73, 36.448, 92.437



73, 36.448, 142.437



73, 36.448, 272.437



73, 36.448, 322.437

Sweetspot

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



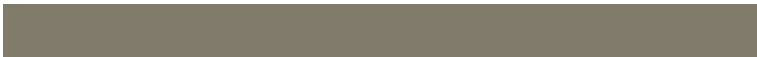
73, 36.449, 92.441



97, 13.117, 96.245



58, 36.964, 5.109



51, 9.191, 95.978



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 36.449, 92.441



90, 52.885, 91.259



77, 46.085, 117.207



41, 4.665, 96.692



54, 60.251, 84.404



10, 15.301, 88.607

Inverse Universe

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



56, 37.961, 284.916



65, 55.970, 287.068



53, 50.902, 303.476



39, 4.704, 278.979



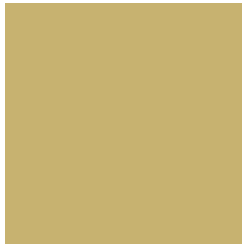
24, 79.157, 300.674



3, 17.954, 284.575

Previews

White Background



This preview shows how the CIELCh color 73, 36.448, 92.437 looks on a white background.

Color Contrast Check

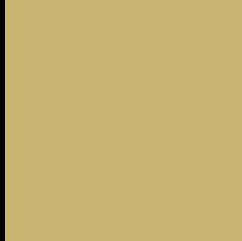
Large Text (above 18pt) WCAG AA × Fail

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 73, 36.448, 92.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

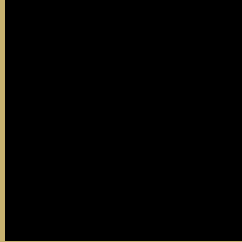
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 36.448, 92.437

Background



This preview shows how black text looks on a background with the CIELCh color 73, 36.448, 92.437.



This preview shows how white text looks on a background with the CIELCh color 73, 36.448, 92.437.

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

73, 36.448, 92.437

Protanopia

73, 35.906, 95.767

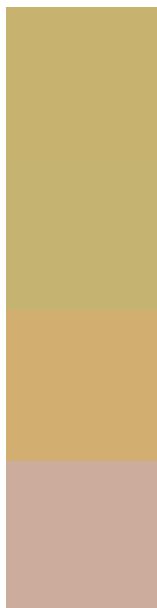
Deuteranopia

73, 37.199, 75.597



Tritanopia
73, 15.913, 352.476

Trichromacy



Original Color
73, 36.448, 92.437

Protanomaly
73, 35.997, 95.100

Deuteranomaly
73, 36.488, 81.822

Tritanomaly
73, 14.866, 53.117

Monochromacy



Original Color
73, 36.448, 92.437

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 13.363, 95.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 36.448, 92.437 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, 178, 112)` looks like.

```
.text, #text, p{  
    color:rgb(199, 178, 112)  
}
```

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, 178, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 178, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 36.448, 92.437 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, 178, 112) }
```

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

```
.border{ border-color:rgb(199, 178, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 178, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 178, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 178, 112);  
box-shadow:4px 4px 4px 4px rgb(199, 178,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 36.448, 92.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 178, 112) }
```

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

```
.background{ background-color: rgb(199,  
178, 112) }
```

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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