

Converting Colors

CIELCh(73, 40.790, 88.859)

Have a look what the booklet for
CIELCh(73, 40.790, 88.859) contains.

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Color

CIELCh(73, 40.557, 88.310)

Conversions

Conversions Part 1

Format	Color
Hex	CDB068
RGB	205, 176, 104
RGB Percent	80%, 69%, 41%
CMY	0.1951, 0.3088, 0.5913
CMYK	0.00, 0.14, 0.49, 0.20
HSL	43°, 50%, 61%
HSV	43°, 49%, 80%
XYZ	43.3302, 45.1644, 19.5909
YIQ	176.4630, 40.3960, -16.2440

Conversions

Conversions Part 2

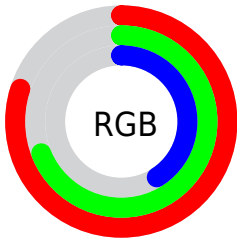
Format	Color
RYB	145, 205, 104
Decimal	13480040
CIELab	73.00, 1.20, 40.54
CIELCh	73, 40.557, 88.310
Yxy	45.1644, 0.4009, 0.4179
Android (android.graphics.Color)	4291670120 (0xFFCDB068)
YUV	176.4630, -35.7243, 25.0269
Hunter-Lab	67.2044, -2.5196, 29.7594

Details

The CIELCh color **73, 40.557, 88.310** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **56, 41.568, 283.322**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 39.544, 92.921**, and **53, 40.909, 88.339** is the 20% darker color. If you saturate the color by 10%, you get **71, 48.673, 86.913**, and if you desaturate by 10%, it is **75, 32.237, 89.671**.

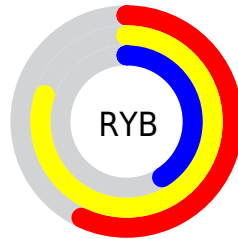
Distribution



Red (80%)

Green (69%)

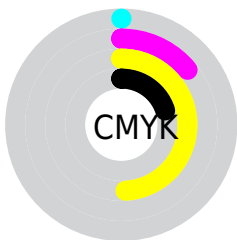
Blue (41%)



Red (57%)

Yellow (80%)

Blue (41%)

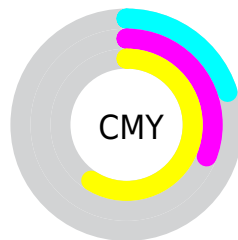


Cyan (0%)

Magenta (14%)

Yellow (49%)

Black (20%)



Cyan (20%)

Magenta (31%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 40.557, 88.310 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, 40.557, 88.310 by changing the saturation by 10% instead.

■ 73, 40.557, 88.310

■ 73, 40.557, 88.310

■ 100, 40.557,
88.310

■ 63, 40.557, 88.310

■ 93, 40.557, 88.310

■ 53, 40.557, 88.310

■ 43, 40.557, 88.310

■ 33, 40.557, 88.310

■ 23, 40.557, 88.310

■ 13, 40.557, 88.310

■ 3, 40.557, 88.310

■ 0, 40.557, 88.310

■ 73, 40.557, 88.310

■ 73, 40.557, 88.310

71, 48.673, 86.913

75, 32.237, 89.671

70, 56.272, 85.448

77, 23.887, 90.992

68, 62.838, 83.865

79, 15.600, 92.273

66, 67.644, 82.066

81, 7.420, 93.504

65, 70.288, 79.957

83, 0.632, 275.073

65, 70.476, 79.793

85, 8.552, 275.914

87, 16.341,
277.006

89, 17.372,
271.384

90, 15.333,
260.077

Harmonies

Complementary

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



73, 40.557, 88.310



56, 41.568, 283.322

Rectangle

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



73, 40.557, 88.310



73, 40.557, 138.310



73, 40.557, 268.310



73, 40.557, 318.310

Sweetspot

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



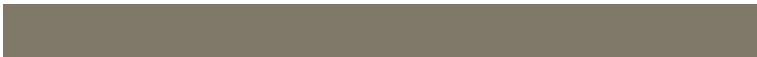
73, 40.558, 88.314



96, 14.472, 92.776



57, 43.212, 2.504



51, 9.891, 92.511



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, 40.558, 88.314



87, 57.812, 86.838



79, 52.395, 114.718



42, 4.543, 93.483



53, 60.173, 80.198



11, 16.024, 83.700

Inverse Universe

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



56, 41.568, 283.322



63, 60.236, 286.151



50, 59.197, 302.638



40, 4.563, 275.860



26, 75.343, 298.701



3, 18.955, 283.969

Previews

White Background



This preview shows how the CIELCh color 73, 40.557, 88.310 looks on a white background.

Color Contrast Check

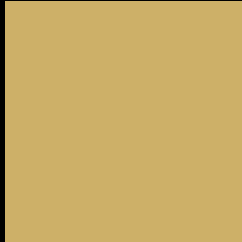
Large Text (above 18pt) WCAG AA × Fail

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, 40.557, 88.310 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, 40.557, 88.310

Background



This preview shows how black text looks on a background with the CIELCh color 73, 40.557, 88.310.

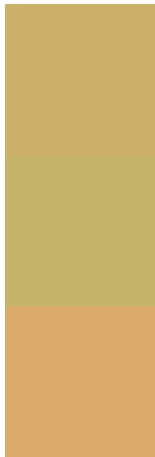


This preview shows how white text looks on a background with the CIELCh color 73, 40.557, 88.310.

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, 40.557, 88.310

Protanopia

73, 40.025, 95.766

Deuteranopia

73, 41.394, 76.963



Tritanopia
73, 18.534, 358.912

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 40.557, 88.310 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(205, 176, 104)` looks like.

```
.text, #text, p{  
    color:rgb(205, 176, 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(205, 176, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 176, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 40.557, 88.310 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(205, 176, 104) }
```

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

```
.border{ border-color:rgb(205, 176, 104) }
```

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

Here you see how a box with a 4 pixel rgb(205, 176, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 176, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 176, 104);  
box-shadow:4px 4px 4px 4px rgb(205, 176,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 40.557, 88.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 176, 104) }
```

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

```
.background{ background-color: rgb(205,  
176, 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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