

Converting Colors

CIELCh(70, 28.397, 73.859)

Have a look what the booklet for
CIELCh(70, 28.397, 73.859) contains.

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Color

CIELCh(70, 28.473, 74.255)

Conversions

Conversions Part 1

Format	Color
Hex	CAA57A
RGB	202, 165, 122
RGB Percent	79%, 65%, 48%
CMY	0.2088, 0.3538, 0.5224
CMYK	0.00, 0.18, 0.40, 0.21
HSL	32°, 43%, 63%
HSV	32°, 40%, 79%
XYZ	41.2038, 40.7494, 24.0347
YIQ	171.1610, 35.8550, -5.5290

Conversions

Conversions Part 2

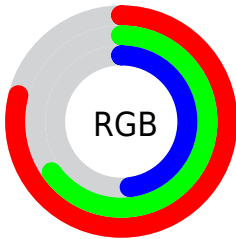
Format	Color
RYB	191, 202, 122
Decimal	13280634
CIELab	70.00, 7.73, 27.40
CIElCh	70, 28.473, 74.255
Yxy	40.7494, 0.3888, 0.3845
Android (android.graphics.Color)	4291470714 (0xFFCAA57A)
YUV	171.1610, -24.2364, 27.0458
Hunter-Lab	63.8353, 3.5047, 22.3613

Details

The CIELCh color **70, 28.473, 74.255** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 26.128, 266.235**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 27.237, 77.738**, and **50, 28.194, 74.026** is the 20% darker color. If you saturate the color by 10%, you get **67, 36.333, 72.912**, and if you desaturate by 10%, it is **73, 20.867, 75.583**.

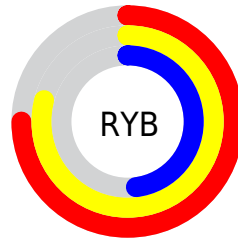
Distribution



Red (79%)

Green (65%)

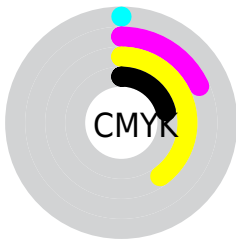
Blue (48%)



Red (75%)

Yellow (79%)

Blue (48%)

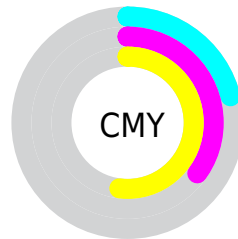


Cyan (0%)

Magenta (18%)

Yellow (40%)

Black (21%)



Cyan (21%)

Magenta (35%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 28.473, 74.255 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 70, 28.473, 74.255 by changing the saturation by 10% instead.

■ 70, 28.473, 74.255

■ 70, 28.473, 74.255

■ 100, 28.473,
74.255

■ 60, 28.473, 74.255

■ 90, 28.473, 74.255

■ 50, 28.473, 74.255

■ 40, 28.473, 74.255

■ 30, 28.473, 74.255

■ 20, 28.473, 74.255

■ 10, 28.473, 74.255

■ 0, 28.473, 74.255

■ 70, 28.473, 74.255

■ 70, 28.473, 74.255

■ 67, 36.333, 72.912

■ 73, 20.867, 75.583

65, 44.349, 71.521

76, 13.547, 76.877

62, 52.306, 70.041

78, 6.514, 78.127

60, 59.765, 68.363

81, 0.248, 260.800

58, 65.969, 66.273

84, 6.760, 260.682

56, 70.373, 63.627

87, 13.047,
261.822

55, 70.534, 63.538

90, 15.711,
254.864

92, 14.573,
232.482

95, 15.725,
210.366

Harmonies

Complementary

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



70, 28.473, 74.255



64, 26.128, 266.235

Rectangle

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



70, 28.473, 74.255



70, 28.473, 124.255



70, 28.473, 254.255



70, 28.473, 304.255

Sweetspot

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



70, 28.473, 74.261



96, 9.859, 77.818



61, 36.741, 349.577



51, 6.557, 77.654



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 28.473, 74.261



84, 42.415, 73.045



79, 41.599, 107.900



42, 3.866, 78.156



46, 60.822, 64.101



8, 14.400, 62.730

Inverse Universe

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



64, 26.128, 266.235



75, 38.134, 268.529



54, 46.053, 296.441



41, 3.804, 260.676



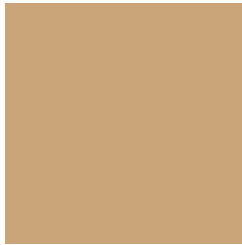
34, 55.871, 287.167



5, 15.857, 274.299

Previews

White Background



This preview shows how the CIELCh color 70, 28.473, 74.255 looks on a white background.

Color Contrast Check

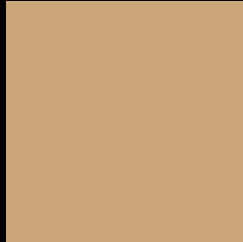
Large Text (above 18pt) WCAG AA × Fail

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 70, 28.473, 74.255 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 70, 28.473, 74.255

Background



This preview shows how black text looks on a background with the CIELCh color 70, 28.473, 74.255.



This preview shows how white text looks on a background with the CIELCh color 70, 28.473, 74.255.

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

70, 28.473, 74.255

Protanopia

70, 25.534, 95.367

Deuteranopia

70, 28.833, 71.652



Tritanopia
70, 20.176, 0.899

Trichromacy



Original Color
70, 28.473, 74.255

Protanomaly
70, 26.055, 87.882

Deuteranomaly
70, 28.566, 72.328

Tritanomaly
70, 18.566, 32.714

Monochromacy



Original Color
70, 28.473, 74.255

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.133, 78.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 28.473, 74.255 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(202, 165, 122)` looks like.

```
.text, #text, p{  
    color:rgb(202, 165, 122)  
}
```

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(202, 165, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 165, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 28.473, 74.255 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(202, 165, 122) }
```

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

```
.border{ border-color:rgb(202, 165, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 165, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 165, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 165, 122); box-shadow:4px 4px 4px 4px rgb(202, 165, 122) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 28.473, 74.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 165, 122) }
```

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

```
.background{ background-color: rgb(202,  
165, 122) }
```

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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