

Converting Colors

CIELCh(70, 24.700, 82.841)

Have a look what the booklet for
CIELCh(70, 24.700, 82.841) contains.

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Color

CIELCh(70, 24.749, 82.853)

Conversions

Conversions Part 1

Format	Color
Hex	C1A87F
RGB	193, 168, 127
RGB Percent	76%, 66%, 50%
CMY	0.2441, 0.3421, 0.5028
CMYK	0.00, 0.13, 0.34, 0.24
HSL	37°, 35%, 63%
HSV	37°, 34%, 76%
XYZ	39.7043, 40.7494, 25.7739
YIQ	170.8010, 28.0610, -7.4510

Conversions

Conversions Part 2

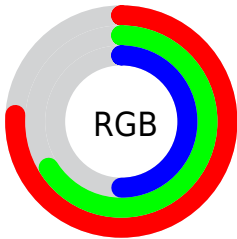
Format	Color
RYB	167, 193, 127
Decimal	12691583
CIELab	70.00, 3.08, 24.56
CIELCh	70, 24.749, 82.853
Yxy	40.7494, 0.3738, 0.3836
Android (android.graphics.Color)	4290881663 (0xFFC1A87F)
YUV	170.8010, -21.5939, 19.4685
Hunter-Lab	63.8353, -0.6882, 20.7459

Details

The CIELCh color **70, 24.749, 82.853** is a light color, and the websafe version is hex **999966**. A complement of this color would be **62, 24.065, 272.880**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 24.682, 83.017**, and **50, 24.894, 83.211** is the 20% darker color. If you saturate the color by 10%, you get **68, 32.357, 81.473**, and if you desaturate by 10%, it is **72, 17.291, 84.205**.

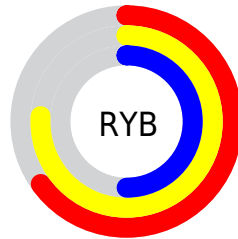
Distribution



Red (76%)

Green (66%)

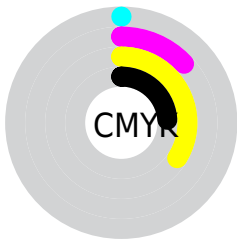
Blue (50%)



Red (65%)

Yellow (76%)

Blue (50%)

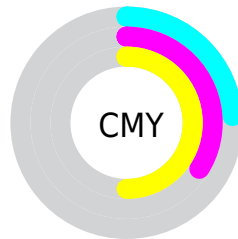


Cyan (0%)

Magenta (13%)

Yellow (34%)

Black (24%)



Cyan (24%)

Magenta (34%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 24.749, 82.853 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, 24.749, 82.853 by changing the saturation by 10% instead.

■ 70, 24.749, 82.853

■ 70, 24.749, 82.853

■ 100, 24.749,
82.853

■ 60, 24.749, 82.853

■ 90, 24.749, 82.853

■ 50, 24.749, 82.853

■ 40, 24.749, 82.853

■ 30, 24.749, 82.853

■ 20, 24.749, 82.853

■ 10, 24.749, 82.853

■ 0, 24.749, 82.853

■ 70, 24.749, 82.853

■ 70, 24.749, 82.853

■ 68, 32.357, 81.473

■ 72, 17.291, 84.205

66, 40.028, 80.041

75, 10.015, 85.506

64, 47.588, 78.541

77, 2.931, 86.713

62, 54.703, 76.916

79, 3.966, 268.097

60, 60.799, 75.050

82, 10.688,
269.232

58, 65.082, 72.742

84, 17.248,
270.349

57, 66.921, 71.273

87, 20.476,
267.371

88, 18.233,
254.924

90, 17.023,
240.058

Harmonies

Complementary

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



70, 24.749, 82.853



62, 24.065, 272.880

Rectangle

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



70, 24.749, 82.853



70, 24.749, 132.853



70, 24.749, 262.853



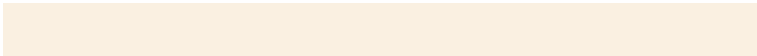
70, 24.749, 312.853

Sweetspot

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



70, 24.750, 82.859



95, 8.640, 86.018



61, 29.300, 354.135



50, 5.905, 85.842



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 24.750, 82.859



87, 36.930, 81.835



76, 34.949, 112.069



40, 3.980, 86.115



48, 58.447, 71.748



8, 12.062, 72.946

Inverse Universe

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



62, 24.065, 272.880



75, 35.715, 274.527



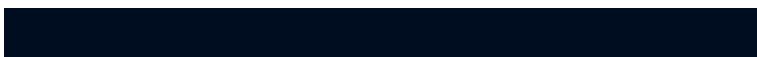
56, 37.947, 298.207



38, 3.959, 268.604



29, 63.502, 293.431



3, 14.485, 277.617

Previews

White Background



This preview shows how the CIELCh color 70, 24.749, 82.853 looks on a white background.

Color Contrast Check

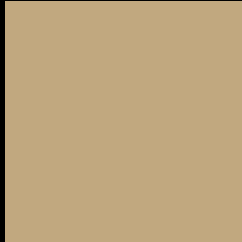
Large Text (above 18pt) WCAG AA × Fail

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, 24.749, 82.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

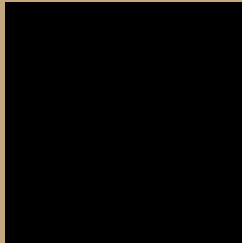
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 24.749, 82.853

Background



This preview shows how black text looks on a background with the CIELCh color 70, 24.749, 82.853.



This preview shows how white text looks on a background with the CIELCh color 70, 24.749, 82.853.

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, 24.749, 82.853

Protanopia

70, 23.866, 95.757

Deuteranopia

70, 25.588, 69.474



Tritanopia
70, 15.820, 354.319

Trichromacy



Original Color
70, 24.749, 82.853

Protanomaly
70, 23.922, 90.640

Deuteranomaly
70, 24.932, 73.146

Tritanomaly
70, 13.528, 34.402

Monochromacy



Original Color
70, 24.749, 82.853

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.903, 85.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 24.749, 82.853 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(193, 168, 127)` looks like.

```
.text, #text, p{  
    color:rgb(193, 168, 127)  
}
```

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(193, 168, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 168, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 24.749, 82.853 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(193, 168, 127) }
```

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

```
.border{ border-color:rgb(193, 168, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 168, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 168, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 168, 127); box-shadow:4px 4px 4px 4px rgb(193, 168, 127) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 24.749, 82.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 168, 127) }
```

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

```
.background{ background-color: rgb(193,  
168, 127) }
```

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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