

Converting Colors

CIELCh(72, 27.203, 89.910)

Have a look what the booklet for
CIELCh(72, 27.203, 89.910) contains.

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Color

CIELCh(72, 27.269, 89.737)

Conversions

Conversions Part 1

Format	Color
Hex	C3AF7F
RGB	195, 175, 127
RGB Percent	76%, 69%, 50%
CMY	0.2363, 0.3147, 0.5029
CMYK	0.00, 0.10, 0.35, 0.24
HSL	42°, 36%, 63%
HSV	42°, 35%, 76%
XYZ	41.5377, 43.6590, 26.2368
YIQ	175.5080, 27.3280, -10.6880

Conversions

Conversions Part 2

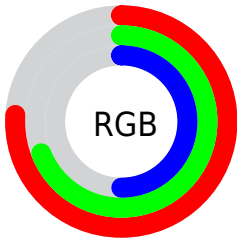
Format	Color
RYB	155, 195, 127
Decimal	12824447
CIELab	72.00, 0.13, 27.27
CIELCh	72, 27.269, 89.737
Yxy	43.6590, 0.3728, 0.3918
Android (android.graphics.Color)	4291014527 (0xFFC3AF7F)
YUV	175.5080, -23.9144, 17.0945
Hunter-Lab	66.0750, -3.4181, 22.7098

Details

The CIELCh color **72, 27.269, 89.737** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 27.530, 279.595**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 27.131, 89.629**, and **52, 27.502, 90.372** is the 20% darker color. If you saturate the color by 10%, you get **70, 35.241, 88.399**, and if you desaturate by 10%, it is **74, 19.326, 91.047**.

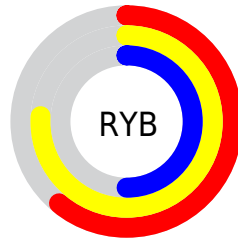
Distribution



Red (76%)

Green (69%)

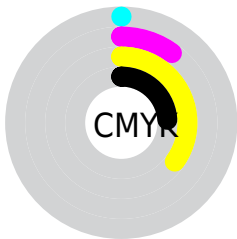
Blue (50%)



Red (61%)

Yellow (76%)

Blue (50%)

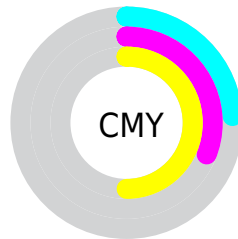


Cyan (0%)

Magenta (10%)

Yellow (35%)

Black (24%)



Cyan (24%)

Magenta (31%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 27.269, 89.737 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, 27.269, 89.737 by changing the saturation by 10% instead.

 72, 27.269, 89.737

 72, 27.269, 89.737

 100, 27.269,
89.737

 62, 27.269, 89.737

 92, 27.269, 89.737

 52, 27.269, 89.737

 42, 27.269, 89.737

 32, 27.269, 89.737

 22, 27.269, 89.737

 12, 27.269, 89.737

 2, 27.269, 89.737

 0, 27.269, 89.737

 72, 27.269, 89.737

 72, 27.269, 89.737

70, 35.241, 88.399

74, 19.326, 91.047

68, 43.116, 87.016

76, 11.472, 92.310

67, 50.667, 85.578

78, 3.738, 93.501

65, 57.501, 84.049

80, 3.867, 274.794

64, 63.008, 82.348

82, 11.341,
275.892

62, 66.460, 80.342

84, 18.691,
276.968

61, 67.686, 79.245

86, 21.880,
274.627

87, 19.623,
266.365

89, 17.861,
256.319

Harmonies

Complementary

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



72, 27.269, 89.737



61, 27.530, 279.595

Rectangle

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



72, 27.269, 89.737



72, 27.269, 139.737



72, 27.269, 269.737



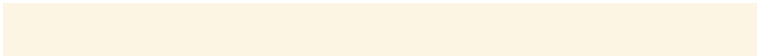
72, 27.269, 319.737

Sweetspot

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



72, 27.270, 89.742



97, 9.461, 92.890



61, 29.142, 359.965



52, 6.517, 92.717



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, 27.270, 89.742



89, 40.662, 88.705



76, 36.222, 115.621



40, 4.324, 92.985



51, 58.733, 79.633



9, 13.007, 83.385

Inverse Universe

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



61, 27.530, 279.595



73, 41.248, 281.254



57, 39.222, 300.976



38, 4.340, 275.359



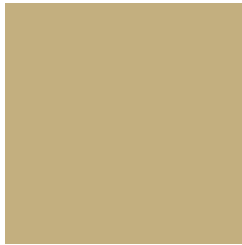
26, 72.717, 298.285



3, 15.570, 281.557

Previews

White Background



This preview shows how the CIELCh color 72, 27.269, 89.737 looks on a white background.

Color Contrast Check

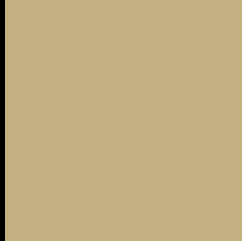
Large Text (above 18pt) WCAG AA × Fail

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 72, 27.269, 89.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

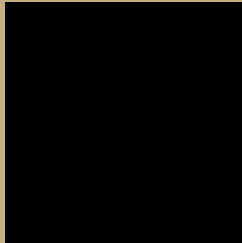
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 27.269, 89.737

Background



This preview shows how black text looks on a background with the CIELCh color 72, 27.269, 89.737.



This preview shows how white text looks on a background with the CIELCh color 72, 27.269, 89.737.

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, 27.269, 89.737

Protanopia

72, 27.061, 95.099

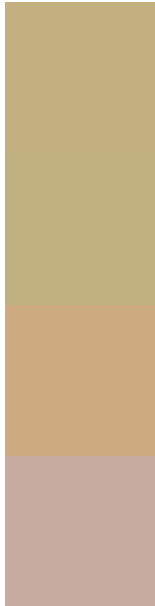
Deuteranopia

72, 28.194, 71.220



Tritanopia
72, 14.349, 351.314

Trichromacy



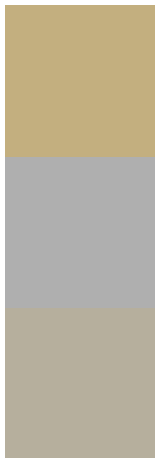
Original Color
72, 27.269, 89.737

Protanomaly
72, 27.265, 93.379

Deuteranomaly
72, 27.303, 77.314

Tritanomaly
72, 12.474, 43.172

Monochromacy



Original Color
72, 27.269, 89.737

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 10.136, 93.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 27.269, 89.737 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(195, 175, 127)` looks like.

```
.text, #text, p{  
    color:rgb(195, 175, 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(195, 175, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 175, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 27.269, 89.737 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(195, 175, 127) }
```

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

```
.border{ border-color:rgb(195, 175, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 175, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 175, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 175, 127);  
box-shadow:4px 4px 4px 4px rgb(195, 175,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 27.269, 89.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 175, 127) }
```

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

```
.background{ background-color: rgb(195,  
175, 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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