

Converting Colors

CIELCh(72, 10.769, 47.730)

Have a look what the booklet for
CIELCh(72, 10.769, 47.730) contains.

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Color

CIELCh(72, 10.899, 49.744)

Conversions

Conversions Part 1

Format	Color
Hex	C4ACA2
RGB	196, 172, 162
RGB Percent	77%, 67%, 64%
CMY	0.2328, 0.3268, 0.3660
CMYK	0.00, 0.12, 0.17, 0.23
HSL	18°, 22%, 70%
HSV	18°, 17%, 77%
XYZ	43.8513, 43.6590, 40.1398
YIQ	178.0360, 17.5140, 1.9780

Conversions

Conversions Part 2

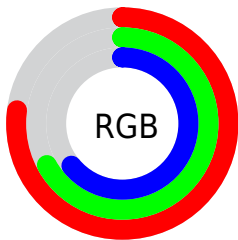
Format	Color
R _Y B	196, 176, 162
Decimal	12889250
CIE Lab	72.00, 7.04, 8.32
CIE LCh	72, 10.899, 49.744
Yxy	43.6590, 0.3435, 0.3420
Android (android.graphics.Color)	4291079330 (0xFFC4ACA2)
YUV	178.0360, -7.9057, 15.7544
Hunter-Lab	66.0750, 2.8320, 10.2344

Details

The CIELCh color **72, 10.899, 49.744** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 9.871, 232.284**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.921, 47.985**, and **52, 11.039, 51.606** is the 20% darker color. If you saturate the color by 10%, you get **68, 17.850, 49.265**, and if you desaturate by 10%, it is **76, 4.452, 50.272**.

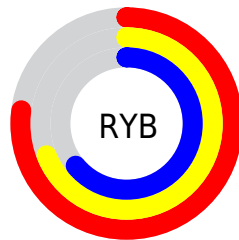
Distribution



Red (77%)

Green (67%)

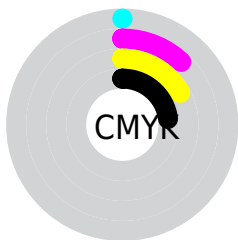
Blue (64%)



Red (77%)

Yellow (69%)

Blue (64%)

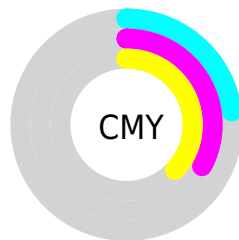


Cyan (0%)

Magenta (12%)

Yellow (17%)

Black (23%)



Cyan (23%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 10.899, 49.744 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, 10.899, 49.744 by changing the saturation by 10% instead.

■ 72, 10.899, 49.744

■ 72, 10.899, 49.744

■ 100, 10.899,
49.744

■ 62, 10.899, 49.744

■ 92, 10.899, 49.744

■ 52, 10.899, 49.744

■ 42, 10.899, 49.744

■ 32, 10.899, 49.744

■ 22, 10.899, 49.744

■ 12, 10.899, 49.744

■ 2, 10.899, 49.744

■ 0, 10.899, 49.744

■ 72, 10.899, 49.744

■ 72, 10.899, 49.744

68, 17.850, 49.265

76, 4.452, 50.272

64, 25.344, 48.859

80, 1.537, 231.342

61, 33.400, 48.565

84, 7.117, 231.755

57, 41.994, 48.396

88, 12.337,
232.412

54, 51.020, 48.337

92, 16.248,
225.790

51, 60.202, 48.304

48, 68.905, 48.054

96, 19.252,
198.990

46, 76.018, 47.166

96, 19.420,
198.224

45, 77.807, 47.023

Harmonies

Complementary

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



72, 10.899, 49.744



74, 9.871, 232.284

Rectangle

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



72, 10.899, 49.744



72, 10.899, 99.744



72, 10.899, 229.744



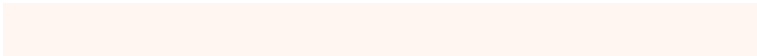
72, 10.899, 279.744

Sweetspot

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



72, 10.898, 49.757



97, 3.712, 50.361



70, 18.392, 334.788



52, 2.540, 50.337



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, 10.898, 49.757



90, 16.588, 49.554



76, 14.526, 97.366



39, 3.424, 50.176



37, 66.869, 47.506



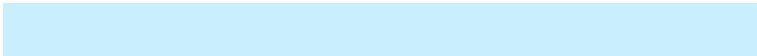
5, 11.910, 38.685

Inverse Universe

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



74, 9.871, 232.284



92, 14.652, 232.684



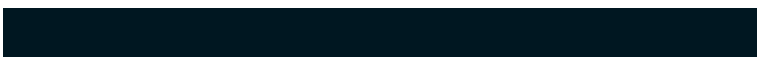
69, 14.770, 281.619



39, 3.255, 231.610



45, 34.192, 254.447



7, 10.537, 244.254

Previews

White Background



This preview shows how the CIELCh color 72, 10.899, 49.744 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 72, 10.899, 49.744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

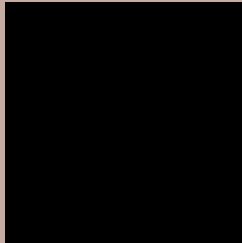
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 10.899, 49.744

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.899, 49.744.



This preview shows how white text looks on a background with the CIELCh color 72, 10.899, 49.744.

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, 10.899, 49.744

Protanopia

72, 7.033, 86.889

Deuteranopia

72, 12.244, 40.915



Tritanopia
72, 13.030, 347.816

Trichromacy



Original Color
72, 10.899, 49.744

Protanomaly
72, 8.078, 67.132

Deuteranomaly
72, 11.718, 44.664

Tritanomaly
72, 10.677, 5.649

Monochromacy



Original Color
72, 10.899, 49.744

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 3.722, 55.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.899, 49.744 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(196, 172, 162)` looks like.

```
.text, #text, p{  
    color:rgb(196, 172, 162)  
}
```

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(196, 172, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 172, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.899, 49.744 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(196, 172, 162) }
```

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

```
.border{ border-color:rgb(196, 172, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 172, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 172, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 172, 162);  
box-shadow:4px 4px 4px 4px rgb(196, 172,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.899, 49.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 172, 162) }
```

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

```
.background{ background-color: rgb(196,  
172, 162) }
```

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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