

Converting Colors

CIELCh(72, 10.101, 60.003)

Have a look what the booklet for
CIELCh(72, 10.101, 60.003) contains.

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Color

CIELCh(72, 9.909, 60.727)

Conversions

Conversions Part 1

Format	Color
Hex	C0ADA1
RGB	192, 173, 161
RGB Percent	75%, 68%, 63%
CMY	0.2471, 0.3216, 0.3687
CMYK	0.00, 0.10, 0.16, 0.25
HSL	23°, 20%, 69%
HSV	23°, 16%, 75%
XYZ	43.1072, 43.6590, 39.8668
YIQ	177.3130, 15.1760, 0.2960

Conversions

Conversions Part 2

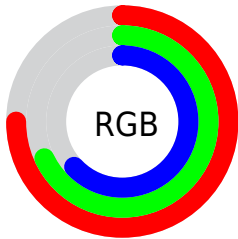
Format	Color
R _Y B	192, 181, 161
Decimal	12627361
CIE Lab	72.00, 4.85, 8.64
CIE LCh	72, 9.909, 60.727
Yxy	43.6590, 0.3404, 0.3448
Android (android.graphics.Color)	4290817441 (0xFFC0ADA1)
YUV	177.3130, -8.0423, 12.8805
Hunter-Lab	66.0750, 0.8219, 10.4794

Details

The CIELCh color $72, 9.909, 60.727$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 9.232, 244.236$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 9.925, 58.199$, and $52, 10.044, 63.388$ is the 20% darker color. If you saturate the color by 10%, you get $69, 16.581, 59.821$, and if you desaturate by 10%, it is $76, 3.652, 61.628$.

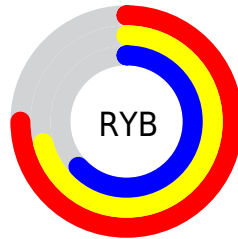
Distribution



Red (75%)

Green (68%)

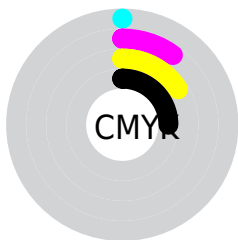
Blue (63%)



Red (75%)

Yellow (71%)

Blue (63%)

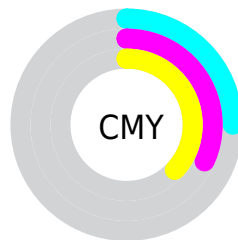


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (25%)



Cyan (25%)


Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 9.909, 60.727 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, 9.909, 60.727 by changing the saturation by 10% instead.

 72, 9.909, 60.727  72, 9.909, 60.727

 100, 9.909, 60.727  62, 9.909, 60.727

 92, 9.909, 60.727  52, 9.909, 60.727

 42, 9.909, 60.727

 32, 9.909, 60.727

 22, 9.909, 60.727

 12, 9.909, 60.727

 2, 9.909, 60.727

 0, 9.909, 60.727

 72, 9.909, 60.727  72, 9.909, 60.727

69, 16.581, 59.821

76, 3.652, 61.628

65, 23.700, 58.930

79, 2.230, 242.919

62, 31.280, 58.085

83, 7.778, 243.752

59, 39.299, 57.287

86, 13.030,
244.693

56, 47.658, 56.512

90, 17.360,
243.014

53, 56.098, 55.678

50, 64.055, 54.579

93, 17.591,
218.132

48, 70.536, 52.832

96, 20.513,
198.155

47, 72.865, 52.203

Harmonies

Complementary

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



72, 9.909, 60.727



72, 9.232, 244.236

Rectangle

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



72, 9.909, 60.727



72, 9.909, 110.727



72, 9.909, 240.727



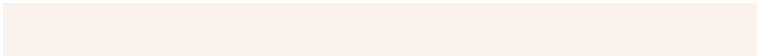
72, 9.909, 290.727

Sweetspot

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



72, 9.909, 60.741



96, 3.667, 61.705



69, 15.685, 339.063



51, 2.507, 61.655



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 9.909, 60.741



90, 14.593, 60.449



76, 14.714, 103.269



39, 3.430, 61.357



40, 63.574, 52.720



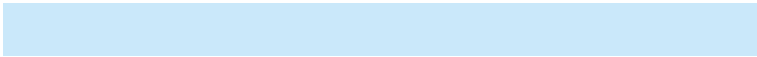
6, 11.574, 46.483

Inverse Universe

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



72, 9.232, 244.236



90, 13.388, 244.664



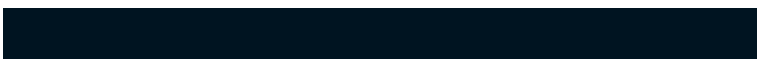
68, 15.116, 286.886



39, 3.300, 243.423



40, 40.325, 269.954



6, 11.372, 257.741

Previews

White Background



This preview shows how the CIELCh color 72, 9.909, 60.727 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, 9.909, 60.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

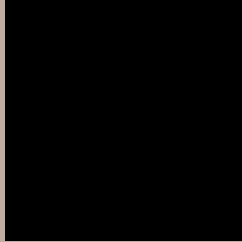
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 9.909, 60.727

Background



This preview shows how black text looks on a background with the CIELCh color 72, 9.909, 60.727.



This preview shows how white text looks on a background with the CIELCh color 72, 9.909, 60.727.

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, 9.909, 60.727

Protanopia

72, 7.539, 88.385

Deuteranopia

72, 12.244, 40.915



Tritanopia
72, 11.774, 343.618

Trichromacy



Original Color
72, 9.909, 60.727

Protanomaly
72, 8.241, 78.147

Deuteranomaly
72, 10.991, 46.358

Tritanomaly
72, 9.045, 6.310

Monochromacy



Original Color
72, 9.909, 60.727

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 3.528, 69.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 9.909, 60.727 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(192, 173, 161)` looks like.

```
.text, #text, p{  
    color:rgb(192, 173, 161)  
}
```

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(192, 173, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 173, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 9.909, 60.727 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(192, 173, 161) }
```

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

```
.border{ border-color:rgb(192, 173, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 173, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 173, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 173, 161);  
box-shadow:4px 4px 4px 4px rgb(192, 173,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 9.909, 60.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 173, 161) }
```

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

```
.background{ background-color: rgb(192,  
173, 161) }
```

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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