

Converting Colors

CIELCh(72, 27.139, 72.079)

Have a look what the booklet for
CIELCh(72, 27.139, 72.079) contains.

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Color

CIELCh(72, 27.174, 72.057)

Conversions

Conversions Part 1

Format	Color
Hex	D0AA82
RGB	208, 170, 130
RGB Percent	82%, 67%, 51%
CMY	0.1852, 0.3341, 0.4910
CMYK	0.00, 0.18, 0.38, 0.19
HSL	31°, 45%, 66%
HSV	31°, 38%, 81%
XYZ	44.3052, 43.6590, 27.1428
YIQ	176.8020, 35.4880, -4.3840

Conversions

Conversions Part 2

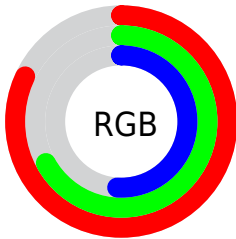
Format	Color
R_{YB}	204, 208, 130
Decimal	13675138
CIE _{Lab}	72.00, 8.37, 25.85
CIE _{LCh}	72, 27.174, 72.057
Yxy	43.6590, 0.3849, 0.3793
Android (android.graphics.Color)	4291865218 (0xFFD0AA82)
YUV	176.8020, -23.0734, 27.3606
Hunter-Lab	66.0750, 4.0583, 21.8968

Details

The CIELCh color **72, 27.174, 72.057** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **67, 24.649, 263.150**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 24.725, 80.147**, and **52, 27.253, 72.394** is the 20% darker color. If you saturate the color by 10%, you get **69, 35.170, 70.764**, and if you desaturate by 10%, it is **75, 19.489, 73.344**.

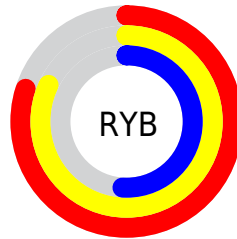
Distribution



Red (82%)

Green (67%)

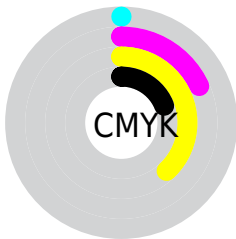
Blue (51%)



Red (80%)

Yellow (82%)

Blue (51%)

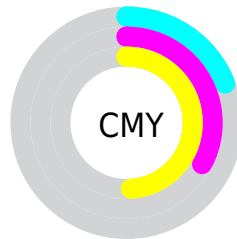


Cyan (0%)

Magenta (18%)

Yellow (38%)

Black (19%)



Cyan (19%)


Magenta (33%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 27.174, 72.057 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, 27.174, 72.057 by changing the saturation by 10% instead.

 72, 27.174, 72.057

 72, 27.174, 72.057


 100, 27.174,
72.057

 62, 27.174, 72.057


 92, 27.174, 72.057

 52, 27.174, 72.057

 42, 27.174, 72.057


 32, 27.174, 72.057


 22, 27.174, 72.057

 12, 27.174, 72.057

 2, 27.174, 72.057

 0, 27.174, 72.057

 72, 27.174, 72.057

 72, 27.174, 72.057

69, 35.170, 70.764

75, 19.489, 73.344

66, 43.404, 69.436

78, 12.132, 74.604

64, 51.697, 68.040

81, 5.094, 75.812

61, 59.670, 66.481

84, 1.648, 257.329

59, 66.615, 64.554

87, 8.122, 258.338

56, 71.634, 61.976

91, 14.354,
259.465

56, 72.783, 61.344

93, 13.002,
233.706

96, 14.387,
207.277

97, 15.694,
198.462

Harmonies

Complementary

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



72, 27.174, 72.057



67, 24.649, 263.150

Rectangle

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



72, 27.174, 72.057



72, 27.174, 122.057



72, 27.174, 252.057



72, 27.174, 302.057

Sweetspot

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



72, 27.174, 72.063



96, 8.862, 75.388



63, 36.307, 347.317



51, 5.973, 75.222



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, 27.174, 72.063



84, 39.153, 71.025



82, 40.411, 106.572



42, 3.876, 75.593



46, 62.047, 61.947



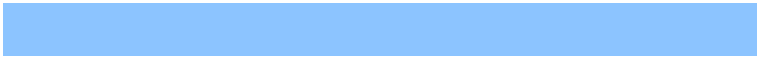
9, 15.711, 60.230

Inverse Universe

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



67, 24.649, 263.150



77, 34.714, 265.108



57, 44.457, 295.105



42, 3.800, 258.095



36, 53.908, 284.980



6, 16.486, 273.212

Previews

White Background



This preview shows how the CIELCh color 72, 27.174, 72.057 looks on a white background.

Color Contrast Check

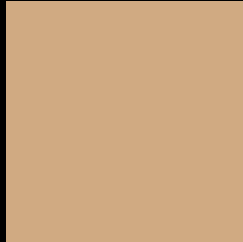
Large Text (above 18pt) WCAG AA × Fail

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, 27.174, 72.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

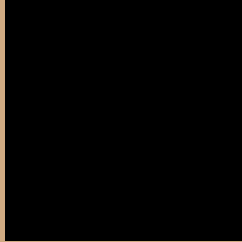
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 27.174, 72.057

Background



This preview shows how black text looks on a background with the CIELCh color 72, 27.174, 72.057.



This preview shows how white text looks on a background with the CIELCh color 72, 27.174, 72.057.

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, 27.174, 72.057

Protanopia

72, 23.836, 94.873

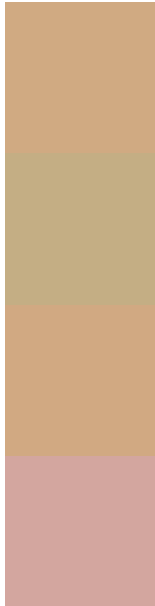
Deuteranopia

72, 27.300, 70.062



Tritanopia
72, 19.901, 2.303

Trichromacy



Original Color
72, 27.174, 72.057

Protanomaly
72, 24.552, 86.067

Deuteranomaly
72, 27.300, 70.062

Tritanomaly
72, 18.414, 32.686

Monochromacy



Original Color
72, 27.174, 72.057

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 9.369, 73.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 27.174, 72.057 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(208, 170, 130)` looks like.

```
.text, #text, p{  
    color:rgb(208, 170, 130)  
}
```

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(208, 170, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 170, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 27.174, 72.057 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(208, 170, 130) }
```

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

```
.border{ border-color:rgb(208, 170, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 170, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 170, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 170, 130);  
box-shadow:4px 4px 4px 4px rgb(208, 170,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 27.174, 72.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 170, 130) }
```

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

```
.background{ background-color: rgb(208,  
170, 130) }
```

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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