

Converting Colors

CIELCh(72, 21.817, 96.405)

Have a look what the booklet for
CIELCh(72, 21.817, 96.405) contains.

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Color

CIELCh(72, 21.975, 97.318)

Conversions

Conversions Part 1

Format	Color
Hex	BBB189
RGB	187, 177, 137
RGB Percent	73%, 69%, 54%
CMY	0.2678, 0.3070, 0.4638
CMYK	0.00, 0.05, 0.27, 0.27
HSL	48°, 27%, 63%
HSV	48°, 27%, 73%
XYZ	40.5847, 43.6590, 29.8524
YIQ	175.4300, 18.8000, -10.3200

Conversions

Conversions Part 2

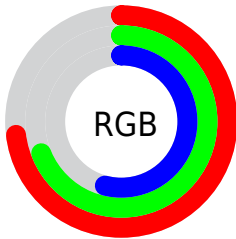
Format	Color
RYB	150, 187, 137
Decimal	12300681
CIELab	72.00, -2.80, 21.80
CIElCh	72, 21.975, 97.318
Yxy	43.6590, 0.3557, 0.3827
Android (android.graphics.Color)	4290490761 (0xFFBBB189)
YUV	175.4300, -18.9460, 10.1469
Hunter-Lab	66.0750, -5.9926, 19.4655

Details

The CIELCh color **72, 21.975, 97.318** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 22.650, 284.060**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 21.970, 97.396**, and **52, 22.072, 98.108** is the 20% darker color. If you saturate the color by 10%, you get **71, 30.206, 96.121**, and if you desaturate by 10%, it is **73, 13.728, 98.499**.

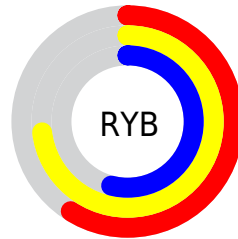
Distribution



Red (73%)

Green (69%)

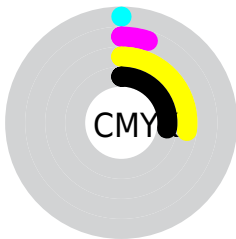
Blue (54%)



Red (59%)

Yellow (73%)

Blue (54%)

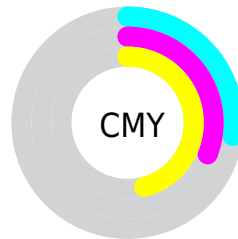


Cyan (0%)

Magenta (5%)

Yellow (27%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 21.975, 97.318 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, 21.975, 97.318 by changing the saturation by 10% instead.

■ 72, 21.975, 97.318

■ 72, 21.975, 97.318

■ 100, 21.975,
97.318

■ 62, 21.975, 97.318

■ 92, 21.975, 97.318

■ 52, 21.975, 97.318

■ 42, 21.975, 97.318

■ 32, 21.975, 97.318

■ 22, 21.975, 97.318

■ 12, 21.975, 97.318

■ 2, 21.975, 97.318

■ 0, 21.975, 97.318

■ 72, 21.975, 97.318

■ 72, 21.975, 97.318

71, 30.206, 96.121

73, 13.728, 98.499

69, 38.322, 94.898

75, 5.515, 99.629

68, 46.157, 93.662

76, 2.633, 280.823

67, 53.430, 92.411

78, 10.703,
281.847

66, 59.702, 91.135

79, 18.688,
282.862

65, 64.380, 89.800

64, 66.962, 88.348

81, 26.587,
283.833

63, 67.606, 87.872

82, 27.964,
281.976

83, 26.175,
278.355

84, 24.503,
274.249

Harmonies

Complementary

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



72, 21.975, 97.318



61, 22.650, 284.060

Rectangle

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



72, 21.975, 97.318



72, 21.975, 147.318



72, 21.975, 277.318



72, 21.975, 327.318

Sweetspot

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



72, 21.976, 97.323



94, 8.060, 99.480



62, 20.695, 6.106



50, 5.780, 99.311



98, 0.011, 296.813



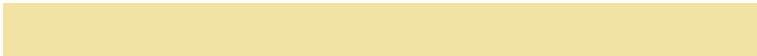
51, 0.007, 296.813

Same Dimension

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



72, 21.976, 97.323



90, 32.482, 96.634



74, 27.395, 120.263



39, 4.664, 99.343



54, 59.848, 88.089



9, 12.950, 93.688

Inverse Universe

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



61, 22.650, 284.060



74, 33.751, 285.059



60, 28.871, 303.568



37, 4.718, 281.538



22, 81.047, 302.130



2, 14.977, 284.290

Previews

White Background



This preview shows how the CIELCh color 72, 21.975, 97.318 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, 21.975, 97.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

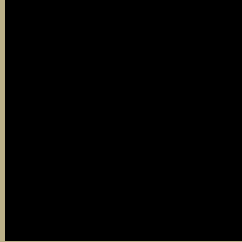
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 21.975, 97.318

Background



This preview shows how black text looks on a background with the CIELCh color 72, 21.975, 97.318.



This preview shows how white text looks on a background with the CIELCh color 72, 21.975, 97.318.

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, 21.975, 97.318

Protanopia

72, 22.170, 95.210

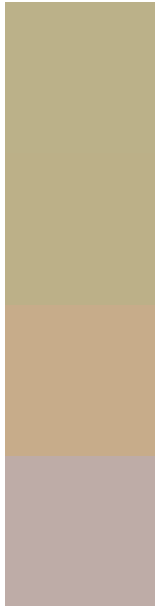
Deuteranopia

72, 22.969, 66.670



Tritanopia
72, 11.245, 337.782

Trichromacy



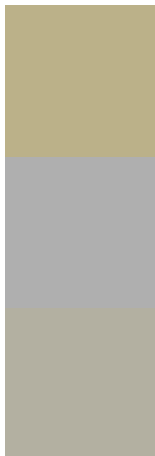
Original Color
72, 21.975, 97.318

Protanomaly
72, 22.170, 95.210

Deuteranomaly
72, 21.643, 77.400

Tritanomaly
72, 7.470, 41.133

Monochromacy



Original Color
72, 21.975, 97.318

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 8.211, 101.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 21.975, 97.318 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(187, 177, 137)` looks like.

```
.text, #text, p{  
    color:rgb(187, 177, 137)  
}
```

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(187, 177, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 177, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 21.975, 97.318 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(187, 177, 137) }
```

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

```
.border{ border-color:rgb(187, 177, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 177, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 177, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 177, 137);  
box-shadow:4px 4px 4px 4px rgb(187, 177,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 21.975, 97.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 177, 137) }
```

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

```
.background{ background-color: rgb(187,  
177, 137) }
```

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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