

Converting Colors

CIELCh(72, 21.448, 97.124)

Have a look what the booklet for
CIELCh(72, 21.448, 97.124) contains.

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Color

CIELCh(72, 21.448, 97.124)

Conversions

Conversions Part 1

Format	Color
Hex	BBB18A
RGB	187, 177, 138
RGB Percent	73%, 69%, 54%
CMY	0.2680, 0.3072, 0.4601
CMYK	0.00, 0.05, 0.26, 0.27
HSL	48°, 26%, 64%
HSV	48°, 26%, 73%
XYZ	40.6297, 43.6590, 30.2078
YIQ	175.5440, 18.4790, -10.0090

Conversions

Conversions Part 2

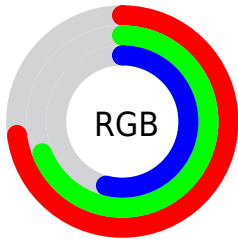
Format	Color
RYB	151, 187, 138
Decimal	12300682
CIELab	72.00, -2.66, 21.28
CIELCh	72, 21.448, 97.124
Yxy	43.6590, 0.3549, 0.3813
Android (android.graphics.Color)	4290490762 (0xFFBBB18A)
YUV	175.5440, -18.5092, 10.0469
Hunter-Lab	66.0750, -5.8710, 19.1466

Details

The CIELCh color **72, 21.448, 97.124** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 22.072, 283.738**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 21.467, 97.192**, and **52, 21.515, 97.960** is the 20% darker color. If you saturate the color by 10%, you get **71, 29.654, 95.923**, and if you desaturate by 10%, it is **73, 13.234, 98.307**.

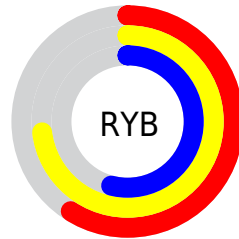
Distribution



Red (73%)

Green (69%)

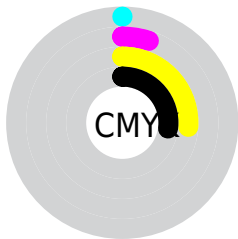
Blue (54%)



Red (59%)

Yellow (73%)

Blue (54%)

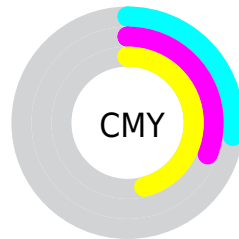


Cyan (0%)

Magenta (5%)

Yellow (26%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 21.448, 97.124 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, 21.448, 97.124 by changing the saturation by 10% instead.

■ 72, 21.448, 97.124

■ 72, 21.448, 97.124

■ 100, 21.448,
97.124

■ 62, 21.448, 97.124

■ 92, 21.448, 97.124

■ 52, 21.448, 97.124

■ 42, 21.448, 97.124

■ 32, 21.448, 97.124

■ 22, 21.448, 97.124

■ 12, 21.448, 97.124

■ 2, 21.448, 97.124

■ 0, 21.448, 97.124

■ 72, 21.448, 97.124

■ 72, 21.448, 97.124

71, 29.654, 95.923

73, 13.234, 98.307

69, 37.757, 94.695

75, 5.059, 99.438

68, 45.596, 93.452

76, 3.048, 280.628

67, 52.900, 92.193

78, 11.074,
281.660

66, 59.241, 90.905

79, 19.014,
282.676

65, 64.028, 89.556

64, 66.718, 88.083

81, 26.866,
283.648

63, 67.470, 87.517

82, 27.734,
281.508

83, 25.925,
277.748

84, 24.241,
273.474

Harmonies

Complementary

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



72, 21.448, 97.124



62, 22.072, 283.738

Rectangle

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



72, 21.448, 97.124



72, 21.448, 147.124



72, 21.448, 277.124



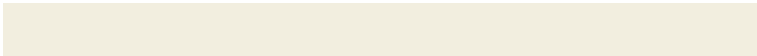
72, 21.448, 327.124

Sweetspot

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



72, 21.449, 97.130



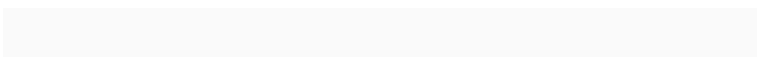
94, 8.026, 99.231



62, 20.343, 4.786



50, 5.755, 99.061



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, 21.449, 97.130



90, 31.344, 96.497



74, 26.779, 119.625



39, 4.644, 99.093



54, 59.740, 87.739



9, 12.880, 93.306

Inverse Universe

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



62, 22.072, 283.738



75, 32.484, 284.643



60, 28.220, 302.955



37, 4.696, 281.295



22, 80.678, 301.991



2, 14.929, 284.139

Previews

White Background



This preview shows how the CIELCh color 72, 21.448, 97.124 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, 21.448, 97.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

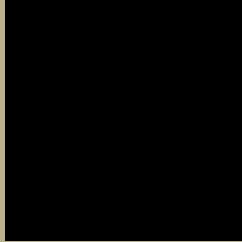
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 21.448, 97.124

Background



This preview shows how black text looks on a background with the CIELCh color 72, 21.448, 97.124.



This preview shows how white text looks on a background with the CIELCh color 72, 21.448, 97.124.

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, 21.448, 97.124

Protanopia

72, 21.646, 94.971

Deuteranopia

72, 22.547, 65.852



Tritanopia
72, 11.245, 337.782

Trichromacy



Original Color
72, 21.448, 97.124

Protanomaly
72, 21.646, 94.971

Deuteranomaly
72, 21.170, 76.746

Tritanomaly
72, 7.470, 41.133

Monochromacy



Original Color
72, 21.448, 97.124

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, 21.448, 97.124 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(187, 177, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 177, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 21.448, 97.124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

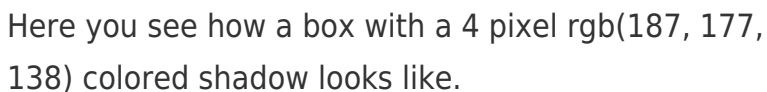
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 177, 138) }
```

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

```
.border{ border-color:rgb(187, 177, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 177, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 177, 138);  
box-shadow:4px 4px 4px 4px rgb(187, 177,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 21.448, 97.124 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, 138) }
```

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

```
.background{ background-color: rgb(187,  
177, 138) }
```

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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