

Converting Colors

CIELCh(72, 21.407, 101.567)

Have a look what the booklet for
CIELCh(72, 21.407, 101.567)
contains.

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Color

CIELCh(72, 21.704, 101.583)

Conversions

Conversions Part 1

Format	Color
Hex	B8B28A
RGB	184, 178, 138
RGB Percent	72%, 70%, 54%
CMY	0.2799, 0.3034, 0.4602
CMYK	0.00, 0.03, 0.25, 0.28
HSL	52°, 24%, 63%
HSV	52°, 25%, 72%
XYZ	40.0827, 43.6590, 30.2220
YIQ	175.2340, 16.4160, -11.1680

Conversions

Conversions Part 2

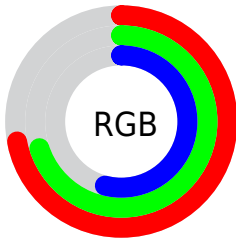
Format	Color
RYB	145, 184, 138
Decimal	12104330
CIELab	72.00, -4.36, 21.26
CIELCh	72, 21.704, 101.583
Yxy	43.6590, 0.3517, 0.3831
Android (android.graphics.Color)	4290294410 (0xFFB8B28A)
YUV	175.2340, -18.3564, 7.6878
Hunter-Lab	66.0750, -7.3487, 19.1338

Details

The CIELCh color **72, 21.704, 101.583** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60, 22.607, 287.481**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 21.668, 102.386**, and **52, 21.327, 101.496** is the 20% darker color. If you saturate the color by 10%, you get **71, 30.306, 100.480**, and if you desaturate by 10%, it is **73, 13.035, 102.680**.

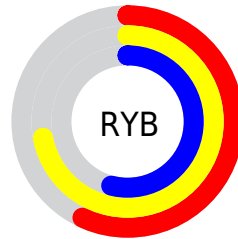
Distribution



Red (72%)

Green (70%)

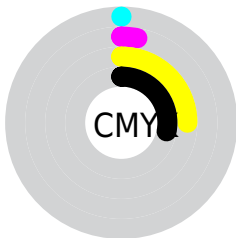
Blue (54%)



Red (57%)

Yellow (72%)

Blue (54%)

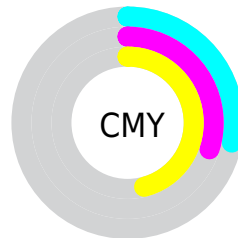


Cyan (0%)

Magenta (3%)

Yellow (25%)

Black (28%)



Cyan (28%)


Magenta (30%)

Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 21.704, 101.583 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, 21.704, 101.583 by changing the saturation by 10% instead.


 72, 21.704,
101.583

 72, 21.704,
101.583


 100, 21.704,
101.583


 62, 21.704,
101.583


 92, 21.704,
101.583

 52, 21.704,
101.583

 42, 21.704,
101.583

 32, 21.704,
101.583

 22, 21.704,
101.583

 12, 21.704,
101.583

 2, 21.704, 101.583

0, 21.704, 101.583

72, 21.704,
101.583

72, 21.704,
101.583

71, 30.306,
100.480

73, 13.035,
102.680

70, 38.734, 99.368

74, 4.356, 103.735

69, 46.817, 98.267

75, 4.294, 284.828

68, 54.279, 97.189

76, 12.895,
285.815

68, 60.707, 96.146

78, 21.435,
286.774

67, 65.562, 95.139

66, 68.348, 94.152

79, 29.907,
287.691

66, 69.265, 93.667

80, 32.425,

287.017

■ 80, 31.167,
285.236

■ 81, 29.942,
283.316

Harmonies

Complementary

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



72, 21.704, 101.583



60, 22.607, 287.481

Rectangle

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



72, 21.704, 101.583



72, 21.704, 151.583



72, 21.704, 281.583



72, 21.704, 331.583

Sweetspot

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



72, 21.705, 101.588



94, 8.598, 103.416



62, 18.788, 10.963



50, 6.109, 103.258



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 21.705, 101.588



91, 32.265, 100.983



72, 25.612, 122.979



38, 4.904, 103.290



57, 61.337, 93.797



8, 12.576, 100.585

Inverse Universe

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



60, 22.607, 287.481



74, 33.962, 288.359



60, 26.771, 305.726



36, 4.982, 285.348



20, 85.540, 304.086



1, 13.916, 286.160

Previews

White Background



This preview shows how the CIELCh color 72, 21.704, 101.583 looks on a white background.

Color Contrast Check

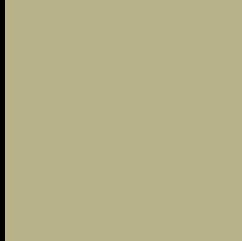
Large Text (above 18pt) WCAG AA × Fail

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, 21.704, 101.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

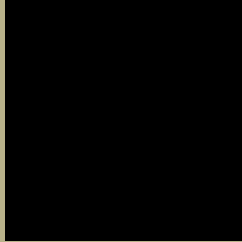
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

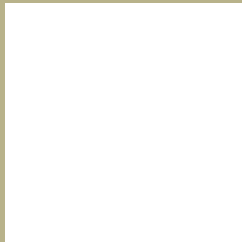
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 21.704, 101.583

Background



This preview shows how black text looks on a background with the CIELCh color 72, 21.704, 101.583.



This preview shows how white text looks on a background with the CIELCh color 72, 21.704, 101.583.

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, 21.704, 101.583

Protanopia

72, 21.646, 94.971

Deuteranopia

72, 22.547, 65.852



Tritanopia
72, 10.440, 333.462

Trichromacy



Original Color
72, 21.704, 101.583

Protanomaly
72, 21.900, 98.373

Deuteranomaly
72, 20.946, 77.704

Tritanomaly
72, 6.378, 44.896

Monochromacy



Original Color
72, 21.704, 101.583

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 8.168, 103.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 21.704, 101.583 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(184, 178, 138)` looks like.

```
.text, #text, p{  
    color:rgb(184, 178, 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(184, 178, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 178, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 21.704, 101.583 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(184, 178, 138) }
```

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

```
.border{ border-color:rgb(184, 178, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 178, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 178, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 178, 138);  
box-shadow:4px 4px 4px 4px rgb(184, 178,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 21.704, 101.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 178, 138) }
```

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

```
.background{ background-color: rgb(184,  
178, 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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