

Converting Colors

CIELCh(72, 13.993, 87.172)

Have a look what the booklet for
CIELCh(72, 13.993, 87.172) contains.

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Color

CIELCh(72, 14.009, 87.159)

Conversions

Conversions Part 1

Format	Color
Hex	BCAF97
RGB	188, 175, 151
RGB Percent	74%, 69%, 59%
CMY	0.2622, 0.3132, 0.4073
CMYK	0.00, 0.07, 0.20, 0.26
HSL	39°, 22%, 67%
HSV	39°, 20%, 74%
XYZ	41.7249, 43.6590, 35.5613
YIQ	176.1510, 15.4520, -4.7080

Conversions

Conversions Part 2

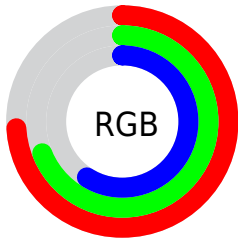
Format	Color
RYB	171, 188, 151
Decimal	12365719
CIELab	72.00, 0.69, 13.99
CIELCh	72, 14.009, 87.159
Yxy	43.6590, 0.3450, 0.3610
Android (android.graphics.Color)	4290555799 (0xFFBCAF97)
YUV	176.1510, -12.3994, 10.3916
Hunter-Lab	66.0750, -2.9124, 14.3428

Details

The CIELCh color $72, 14.009, 87.159$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 13.893, 272.465$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 13.906, 86.958$, and $52, 14.122, 88.788$ is the 20% darker color. If you saturate the color by 10%, you get $70, 21.376, 85.851$, and if you desaturate by 10%, it is $74, 6.803, 88.432$.

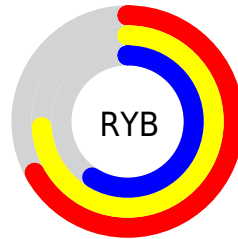
Distribution



Red (74%)

Green (69%)

Blue (59%)



Red (67%)

Yellow (74%)

Blue (59%)

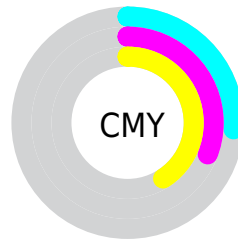


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (26%)



Cyan (26%)

Magenta (31%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 14.009, 87.159 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, 14.009, 87.159 by changing the saturation by 10% instead.

■ 72, 14.009, 87.159

■ 72, 14.009, 87.159

■ 100, 14.009,
87.159

■ 62, 14.009, 87.159

■ 92, 14.009, 87.159

■ 52, 14.009, 87.159

■ 42, 14.009, 87.159

■ 32, 14.009, 87.159

■ 22, 14.009, 87.159

■ 12, 14.009, 87.159

■ 2, 14.009, 87.159

■ 0, 14.009, 87.159

■ 72, 14.009, 87.159

■ 72, 14.009, 87.159

70, 21.376, 85.851

74, 6.803, 88.432

68, 28.873, 84.492

76, 0.239, 270.723

66, 36.437, 83.091

79, 7.119, 270.931

64, 43.933, 81.636

81, 13.848,
272.054

62, 51.101, 80.093

83, 20.437,
273.137

60, 57.487, 78.389

58, 62.402, 76.380

85, 22.529,
269.632

57, 65.533, 73.987

87, 20.259,
259.734

57, 65.637, 73.910

89, 18.710,
247.913

90, 18.048,
234.741

Harmonies

Complementary

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



72, 14.009, 87.159



67, 13.893, 272.465

Rectangle

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



72, 14.009, 87.159



72, 14.009, 137.159



72, 14.009, 267.159



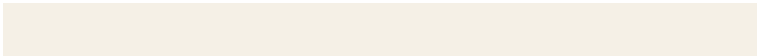
72, 14.009, 317.159

Sweetspot

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



72, 14.010, 87.168



95, 5.202, 88.858



66, 16.123, 353.414



50, 3.453, 88.783



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, 14.010, 87.168



90, 21.288, 86.551



75, 19.892, 113.912



39, 3.995, 88.470



48, 57.713, 74.341



7, 10.873, 77.142

Inverse Universe

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



67, 13.893, 272.465



83, 21.058, 273.266



64, 20.780, 297.116



37, 3.987, 270.921



27, 65.642, 295.109



3, 13.267, 277.953

Previews

White Background



This preview shows how the CIELCh color 72, 14.009, 87.159 looks on a white background.

Color Contrast Check

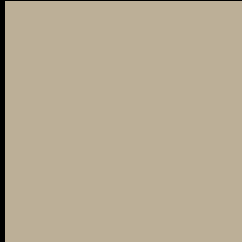
Large Text (above 18pt) WCAG AA × Fail

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, 14.009, 87.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

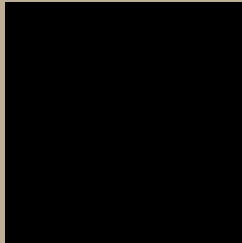
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

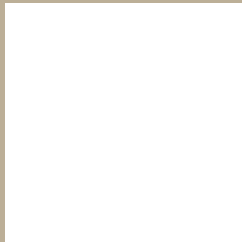
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 14.009, 87.159

Background



This preview shows how black text looks on a background with the CIELCh color 72, 14.009, 87.159.



This preview shows how white text looks on a background with the CIELCh color 72, 14.009, 87.159.

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, 14.009, 87.159

Protanopia

72, 13.478, 93.514

Deuteranopia

72, 16.264, 56.843



Tritanopia
72, 11.245, 337.782

Trichromacy



Original Color
72, 14.009, 87.159

Protanomaly
72, 13.590, 91.888

Deuteranomaly
72, 14.836, 66.579

Tritanomaly
72, 7.278, 19.965

Monochromacy



Original Color
72, 14.009, 87.159

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 5.104, 92.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 14.009, 87.159 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(188, 175, 151)` looks like.

```
.text, #text, p{  
    color:rgb(188, 175, 151)  
}
```

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(188, 175, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 175, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 14.009, 87.159 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(188, 175, 151) }
```

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

```
.border{ border-color:rgb(188, 175, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 175, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 175, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 175, 151);  
box-shadow:4px 4px 4px 4px rgb(188, 175,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 14.009, 87.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 175, 151) }
```

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

```
.background{ background-color: rgb(188,  
175, 151) }
```

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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