

Converting Colors

CIELCh(72, 14.554, 86.542)

Have a look what the booklet for
CIELCh(72, 14.554, 86.542) contains.

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Color

CIELCh(72, 14.669, 86.390)

Conversions

Conversions Part 1

Format	Color
Hex	BDAF96
RGB	189, 175, 150
RGB Percent	74%, 69%, 59%
CMY	0.2590, 0.3139, 0.4119
CMYK	0.00, 0.07, 0.21, 0.26
HSL	38°, 23%, 66%
HSV	38°, 21%, 74%
XYZ	41.8005, 43.6590, 35.0617
YIQ	176.3360, 16.3690, -4.8070

Conversions

Conversions Part 2

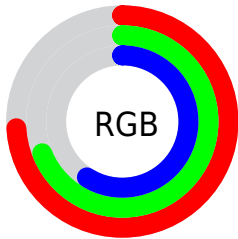
Format	Color
RYB	172, 189, 150
Decimal	12431254
CIELab	72.00, 0.92, 14.64
CIELCh	72, 14.669, 86.390
Yxy	43.6590, 0.3468, 0.3623
Android (android.graphics.Color)	4290621334 (0xFFBDAF96)
YUV	176.3360, -12.9836, 11.1063
Hunter-Lab	66.0750, -2.7082, 14.7911

Details

The CIELCh color **72, 14.669, 86.390** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 14.511, 272.000**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 14.684, 84.907**, and **52, 14.821, 87.830** is the 20% darker color. If you saturate the color by 10%, you get **70, 22.039, 85.074**, and if you desaturate by 10%, it is **74, 7.466, 87.672**.

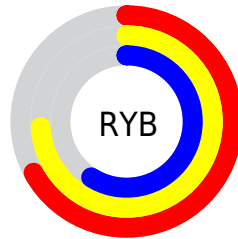
Distribution



Red (74%)

Green (69%)

Blue (59%)



Red (67%)

Yellow (74%)

Blue (59%)

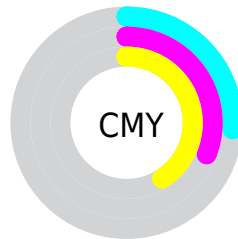


Cyan (0%)

Magenta (7%)

Yellow (21%)

Black (26%)



Cyan (26%)

Magenta (31%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 14.669, 86.390 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, 14.669, 86.390 by changing the saturation by 10% instead.

 72, 14.669, 86.390

 72, 14.669, 86.390

 100, 14.669,
86.390

 62, 14.669, 86.390

 92, 14.669, 86.390

 52, 14.669, 86.390

 42, 14.669, 86.390

 32, 14.669, 86.390

 22, 14.669, 86.390

 12, 14.669, 86.390

 2, 14.669, 86.390

 0, 14.669, 86.390

 72, 14.669, 86.390

 72, 14.669, 86.390

70, 22.039, 85.074

74, 7.466, 87.672

68, 29.546, 83.708

76, 0.435, 88.380

66, 37.121, 82.299

79, 6.430, 270.190

64, 44.624, 80.834

81, 13.137,
271.320

62, 51.784, 79.274

83, 19.700,
272.411

60, 58.122, 77.537

58, 62.925, 75.466

85, 22.107,
269.066

57, 65.858, 73.183

87, 19.835,
258.627

89, 18.350,
246.149

91, 17.826,
232.368

Harmonies

Complementary

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



72, 14.669, 86.390



67, 14.511, 272.000

Rectangle

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



72, 14.669, 86.390



72, 14.669, 136.390



72, 14.669, 266.390



72, 14.669, 316.390

Sweetspot

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



72, 14.670, 86.399



95, 5.164, 88.219



66, 17.000, 353.524



50, 3.427, 88.143



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, 14.670, 86.399



90, 22.057, 85.773



75, 20.938, 113.836



39, 3.966, 87.831



48, 57.713, 73.633



7, 10.804, 76.241

Inverse Universe

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



67, 14.511, 272.000



82, 21.754, 272.824



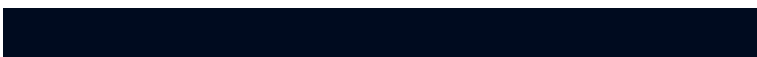
64, 21.923, 297.214



37, 3.955, 270.290



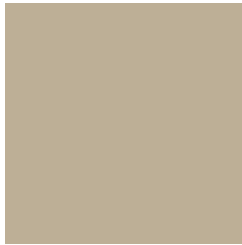
28, 64.819, 294.645



3, 13.182, 277.575

Previews

White Background



This preview shows how the CIELCh color 72, 14.669, 86.390 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, 14.669, 86.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

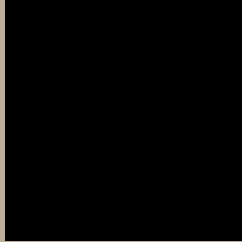
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 14.669, 86.390

Background



This preview shows how black text looks on a background with the CIELCh color 72, 14.669, 86.390.



This preview shows how white text looks on a background with the CIELCh color 72, 14.669, 86.390.

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, 14.669, 86.390

Protanopia

72, 14.110, 92.446

Deuteranopia

72, 16.951, 57.385



Tritanopia
72, 11.523, 339.093

Trichromacy



Original Color
72, 14.669, 86.390

Protanomaly
72, 14.230, 90.896

Deuteranomaly
72, 15.534, 66.740

Tritanomaly
72, 7.668, 20.002

Monochromacy



Original Color
72, 14.669, 86.390

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 5.230, 88.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 14.669, 86.390 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(189, 175, 150)` looks like.

```
.text, #text, p{  
    color:rgb(189, 175, 150)  
}
```

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(189, 175, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 175, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 14.669, 86.390 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(189, 175, 150) }
```

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

```
.border{ border-color:rgb(189, 175, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 175, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 175, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 175, 150);  
box-shadow:4px 4px 4px 4px rgb(189, 175,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 14.669, 86.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 175, 150) }
```

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

```
.background{ background-color: rgb(189,  
175, 150) }
```

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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