

Converting Colors

CIELCh(72, 34.391, 87.326)

Have a look what the booklet for
CIELCh(72, 34.391, 87.326) contains.

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Color

CIELCh(72, 34.391, 87.326)

Conversions

Conversions Part 1

Format	Color
Hex	C9AE72
RGB	201, 174, 114
RGB Percent	79%, 68%, 45%
CMY	0.2136, 0.3194, 0.5546
CMYK	0.00, 0.13, 0.43, 0.21
HSL	41°, 44%, 62%
HSV	41°, 43%, 79%
XYZ	42.0254, 43.6590, 22.0063
YIQ	175.2330, 35.3520, -12.9360

Conversions

Conversions Part 2

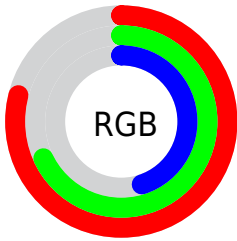
Format	Color
RYB	153, 201, 114
Decimal	13217394
CIELab	72.00, 1.60, 34.35
CIELCh	72, 34.391, 87.326
Yxy	43.6590, 0.3902, 0.4054
Android (android.graphics.Color)	4291407474 (0xFFC9AE72)
YUV	175.2330, -30.1879, 22.5977
Hunter-Lab	66.0750, -2.1006, 26.5059

Details

The CIELCh color **72, 34.391, 87.326** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **59, 34.611, 280.299**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 33.518, 89.609**, and **52, 34.227, 87.660** is the 20% darker color. If you saturate the color by 10%, you get **70, 42.439, 85.934**, and if you desaturate by 10%, it is **74, 26.297, 88.685**.

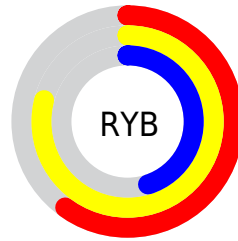
Distribution



Red (79%)

Green (68%)

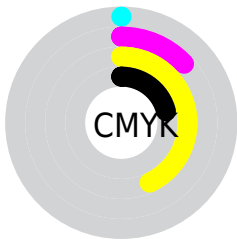
Blue (45%)



Red (60%)

Yellow (79%)

Blue (45%)

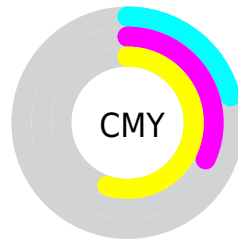


Cyan (0%)

Magenta (13%)

Yellow (43%)

Black (21%)



Cyan (21%)

Magenta (32%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 34.391, 87.326 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, 34.391, 87.326 by changing the saturation by 10% instead.

 72, 34.391, 87.326

 72, 34.391, 87.326

 100, 34.391,
87.326

 62, 34.391, 87.326

 92, 34.391, 87.326

 52, 34.391, 87.326

 42, 34.391, 87.326

 32, 34.391, 87.326

 22, 34.391, 87.326

 12, 34.391, 87.326

 2, 34.391, 87.326

 0, 34.391, 87.326

 72, 34.391, 87.326

 72, 34.391, 87.326

70, 42.439, 85.934

74, 26.297, 88.685

68, 50.233, 84.481

76, 18.265, 90.000

67, 57.406, 82.935

78, 10.349, 91.270

65, 63.363, 81.214

80, 2.572, 92.440

63, 67.340, 79.178

82, 5.061, 273.762

62, 69.006, 77.664

84, 12.553,
274.874

87, 19.910,
275.955

88, 17.931,
266.919

90, 16.057,
254.873

Harmonies

Complementary

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



72, 34.391, 87.326



59, 34.611, 280.299

Rectangle

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



72, 34.391, 87.326



72, 34.391, 137.326



72, 34.391, 267.326



72, 34.391, 317.326

Sweetspot

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



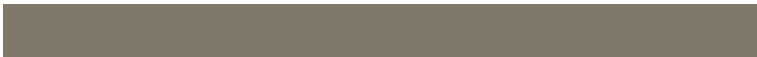
72, 34.392, 87.330



97, 12.237, 91.292



58, 37.500, 0.171



51, 8.582, 91.013



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 34.392, 87.330



87, 50.263, 86.022



78, 45.577, 114.342



41, 4.346, 91.758



51, 59.257, 78.096



9, 14.259, 81.361

Inverse Universe

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



59, 34.611, 280.299



68, 50.958, 282.637



53, 50.641, 301.429



39, 4.356, 274.166



27, 71.907, 297.510



3, 16.992, 281.961

Previews

White Background



This preview shows how the CIELCh color 72, 34.391, 87.326 looks on a white background.

Color Contrast Check

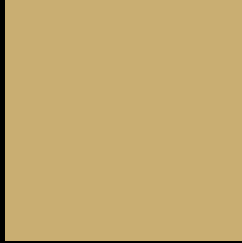
Large Text (above 18pt) WCAG AA × Fail

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, 34.391, 87.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

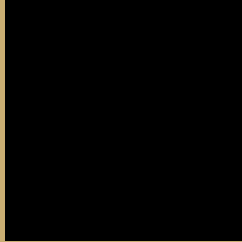
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 34.391, 87.326

Background



This preview shows how black text looks on a background with the CIELCh color 72, 34.391, 87.326.

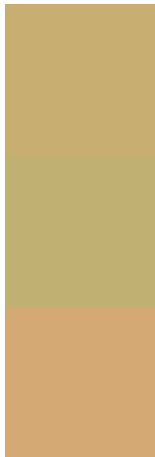


This preview shows how white text looks on a background with the CIELCh color 72, 34.391, 87.326.

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, 34.391, 87.326

Protanopia

72, 33.841, 96.030

Deuteranopia

72, 34.935, 75.264



Tritanopia
72, 16.944, 358.469

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 34.391, 87.326 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(201, 174, 114)` looks like.

```
.text, #text, p{  
    color:rgb(201, 174, 114)  
}
```

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(201, 174, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 174, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 34.391, 87.326 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(201, 174, 114) }
```

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

```
.border{ border-color:rgb(201, 174, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 174, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 174, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 174, 114);  
box-shadow:4px 4px 4px 4px rgb(201, 174,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 34.391, 87.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 174, 114) }
```

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

```
.background{ background-color: rgb(201,  
174, 114) }
```

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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