

Converting Colors

CIELCh(71, 24.172, 84.526)

Have a look what the booklet for
CIELCh(71, 24.172, 84.526) contains.

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Color

CIELCh(71, 24.301, 84.705)

Conversions

Conversions Part 1

Format	Color
Hex	C2AB82
RGB	194, 171, 130
RGB Percent	76%, 67%, 51%
CMY	0.2394, 0.3295, 0.4903
CMYK	0.00, 0.12, 0.33, 0.24
HSL	38°, 34%, 64%
HSV	38°, 33%, 76%
XYZ	40.8216, 42.1875, 27.0982
YIQ	173.2030, 26.8690, -7.8750

Conversions

Conversions Part 2

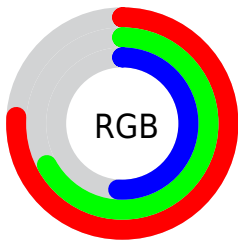
Format	Color
RYB	166, 194, 130
Decimal	12757890
CIELab	71.00, 2.24, 24.20
CIElCh	71, 24.301, 84.705
Yxy	42.1875, 0.3707, 0.3831
Android (android.graphics.Color)	4290947970 (0xFFC2AB82)
YUV	173.2030, -21.2991, 18.2390
Hunter-Lab	64.9519, -1.4803, 20.7303

Details

The CIELCh color $71, 24.301, 84.705$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $63, 23.864, 274.251$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 24.278, 84.730$, and $51, 24.392, 85.279$ is the 20% darker color. If you saturate the color by 10%, you get $69, 31.994, 83.333$, and if you desaturate by 10%, it is $73, 16.739, 86.048$.

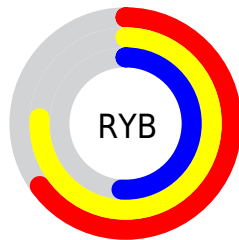
Distribution



Red (76%)

Green (67%)

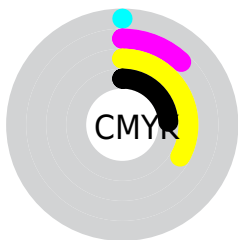
Blue (51%)



Red (65%)

Yellow (76%)

Blue (51%)

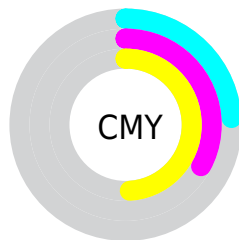


Cyan (0%)

Magenta (12%)

Yellow (33%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 24.301, 84.705 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 71, 24.301, 84.705 by changing the saturation by 10% instead.

■ 71, 24.301, 84.705

■ 71, 24.301, 84.705

■ 100, 24.301,
84.705

■ 61, 24.301, 84.705

■ 91, 24.301, 84.705

■ 51, 24.301, 84.705

■ 41, 24.301, 84.705

■ 31, 24.301, 84.705

■ 21, 24.301, 84.705

■ 11, 24.301, 84.705

■ 1, 24.301, 84.705

■ 0, 24.301, 84.705

■ 71, 24.301, 84.705

■ 71, 24.301, 84.705

69, 31.994, 83.333

73, 16.739, 86.048

67, 39.731, 81.909

75, 9.341, 87.339

65, 47.341, 80.423

78, 2.120, 88.506

63, 54.503, 78.826

80, 4.928, 269.890

61, 60.665, 77.019

82, 11.813,
271.024

59, 65.054, 74.826

85, 18.546,
272.128

58, 67.156, 73.082

87, 20.009,
266.992

89, 17.887,
254.839

90, 16.727,
240.401

Harmonies

Complementary

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



71, 24.301, 84.705



63, 23.864, 274.251

Rectangle

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



71, 24.301, 84.705



71, 24.301, 134.705



71, 24.301, 264.705



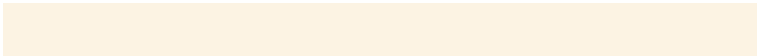
71, 24.301, 314.705

Sweetspot

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



71, 24.302, 84.711



96, 8.871, 87.693



61, 28.147, 355.076



51, 6.113, 87.515



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 24.302, 84.711



88, 36.786, 83.661



76, 33.940, 112.888



40, 4.053, 87.790



49, 58.397, 73.550



8, 12.237, 75.408

Inverse Universe

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



63, 23.864, 274.251



76, 36.006, 275.902



57, 36.698, 298.594



38, 4.041, 270.259



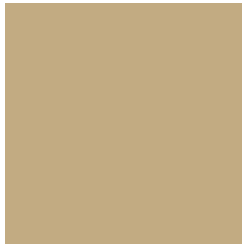
28, 65.630, 294.670



3, 14.742, 278.626

Previews

White Background



This preview shows how the CIELCh color 71, 24.301, 84.705 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 71, 24.301, 84.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

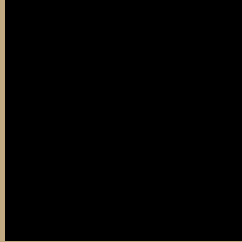
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 24.301, 84.705

Background



This preview shows how black text looks on a background with the CIELCh color 71, 24.301, 84.705.



This preview shows how white text looks on a background with the CIELCh color 71, 24.301, 84.705.

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

71, 24.301, 84.705

Protanopia

71, 23.792, 95.812

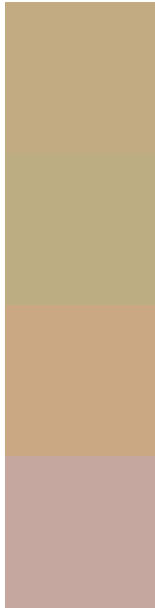
Deuteranopia

71, 25.486, 69.535



Tritanopia
71, 14.499, 354.035

Trichromacy



Original Color
71, 24.301, 84.705

Protanomaly
71, 23.719, 91.662

Deuteranomaly
71, 24.584, 74.002

Tritanomaly
71, 12.466, 38.019

Monochromacy



Original Color
71, 24.301, 84.705

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 8.883, 85.959

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 24.301, 84.705 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(194, 171, 130)` looks like.

```
.text, #text, p{  
    color:rgb(194, 171, 130)  
}
```

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(194, 171, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 171, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 24.301, 84.705 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(194, 171, 130) }
```

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

```
.border{ border-color:rgb(194, 171, 130) }
```

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

Here you see how a box with a 4 pixel rgb(194, 171, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 171, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 171, 130);  
box-shadow:4px 4px 4px 4px rgb(194, 171,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 24.301, 84.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 171, 130) }
```

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

```
.background{ background-color: rgb(194,  
171, 130) }
```

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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