

Converting Colors

CIELCh(71, 24.682, 98.073)

Have a look what the booklet for
CIELCh(71, 24.682, 98.073) contains.

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Color

CIELCh(71, 24.682, 98.073)

Conversions

Conversions Part 1

Format	Color
Hex	B8AE81
RGB	184, 174, 129
RGB Percent	72%, 68%, 51%
CMY	0.2774, 0.3166, 0.4931
CMYK	0.00, 0.05, 0.30, 0.28
HSL	49°, 28%, 61%
HSV	49°, 30%, 72%
XYZ	38.9963, 42.1875, 26.9433
YIQ	171.8600, 20.4050, -11.8750

Conversions

Conversions Part 2

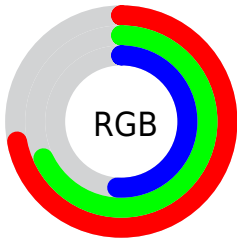
Format	Color
RYB	141, 184, 129
Decimal	12103297
CIELab	71.00, -3.47, 24.44
CIELCh	71, 24.682, 98.073
Yxy	42.1875, 0.3607, 0.3902
Android (android.graphics.Color)	4290293377 (0xFFB8AE81)
YUV	171.8600, -21.1300, 10.6468
Hunter-Lab	64.9519, -6.4967, 20.8717

Details

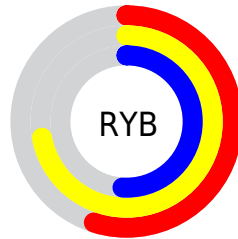
The CIELCh color **71, 24.682, 98.073** is a light color, and the websafe version is hex **999966**. A complement of this color would be **59, 25.659, 285.589**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 24.634, 97.327**, and **51, 24.939, 98.610** is the 20% darker color. If you saturate the color by 10%, you get **70, 32.913, 96.894**, and if you desaturate by 10%, it is **72, 16.393, 99.241**.

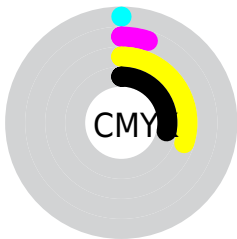
Distribution



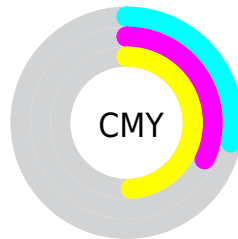
- Red (72%)
- Green (68%)
- Blue (51%)



- Red (55%)
- Yellow (72%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (28%)



- Cyan (28%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 24.682, 98.073 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, 24.682, 98.073 by changing the saturation by 10% instead.

■ 71, 24.682, 98.073

■ 71, 24.682, 98.073

■ 100, 24.682,
98.073

■ 61, 24.682, 98.073

■ 91, 24.682, 98.073

■ 51, 24.682, 98.073

■ 41, 24.682, 98.073

■ 31, 24.682, 98.073

■ 21, 24.682, 98.073

■ 11, 24.682, 98.073

■ 1, 24.682, 98.073

■ 0, 24.682, 98.073

■ 71, 24.682, 98.073

■ 71, 24.682, 98.073

70, 32.913, 96.894

72, 16.393, 99.241

69, 40.963, 95.698

74, 8.111, 100.370

68, 48.635, 94.496

75, 0.126, 282.587

66, 55.601, 93.289

76, 8.298, 282.572

65, 61.377, 92.068

78, 16.395,
283.585

65, 65.365, 90.801

79, 24.412,
284.557

64, 67.493, 89.459

81, 30.655,
284.863

64, 67.522, 89.440

81, 28.959,
282.067

82, 27.340,
278.952

Harmonies

Complementary

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



71, 24.682, 98.073



59, 25.659, 285.589

Rectangle

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



71, 24.682, 98.073



71, 24.682, 148.073



71, 24.682, 278.073



71, 24.682, 328.073

Sweetspot

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



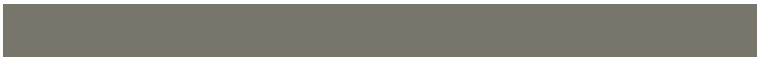
71, 24.683, 98.078



93, 9.168, 100.448



60, 22.912, 7.791



49, 6.371, 100.288



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 24.683, 98.078



89, 36.837, 97.282



72, 30.270, 120.753



38, 4.647, 100.427



54, 59.648, 89.639



8, 11.657, 96.097

Inverse Universe

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



59, 25.659, 285.589



71, 38.734, 286.810



57, 32.076, 304.370



36, 4.706, 282.580



21, 81.556, 302.681



2, 13.358, 284.277

Previews

White Background



This preview shows how the CIELCh color 71, 24.682, 98.073 looks on a white background.

Color Contrast Check

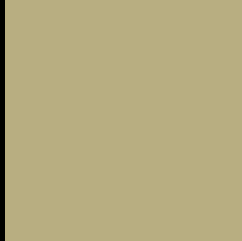
Large Text (above 18pt) WCAG AA × Fail

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, 24.682, 98.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

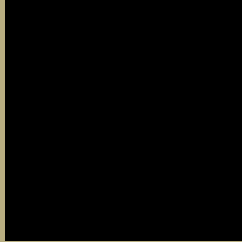
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 24.682, 98.073

Background



This preview shows how black text looks on a background with the CIELCh color 71, 24.682, 98.073.



This preview shows how white text looks on a background with the CIELCh color 71, 24.682, 98.073.

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, 24.682, 98.073

Protanopia

71, 24.842, 96.179

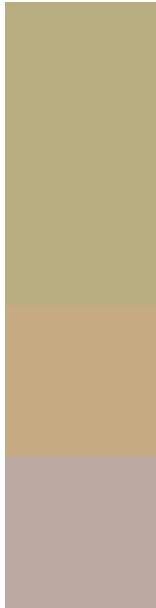
Deuteranopia

71, 25.486, 69.535



Tritanopia
71, 11.559, 339.107

Trichromacy



Original Color
71, 24.682, 98.073

Protanomaly
71, 24.758, 97.123

Deuteranomaly
71, 24.590, 80.693

Tritanomaly
71, 8.266, 51.533

Monochromacy



Original Color
71, 24.682, 98.073

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 9.316, 102.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 24.682, 98.073 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, 174, 129)` looks like.

```
.text, #text, p{  
    color:rgb(184, 174, 129)  
}
```

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, 174, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 174, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 24.682, 98.073 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, 174, 129) }
```

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

```
.border{ border-color:rgb(184, 174, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 174, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 174, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 174, 129);  
box-shadow:4px 4px 4px 4px rgb(184, 174,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 24.682, 98.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 174, 129) }
```

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

```
.background{ background-color: rgb(184,  
174, 129) }
```

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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