

Converting Colors

CIELCh(72, 1.773, 69.274)

Have a look what the booklet for
CIELCh(72, 1.773, 69.274) contains.

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Color

CIELCh(72, 1.969, 74.848)

Conversions

Conversions Part 1

Format	Color
Hex	B3B0AD
RGB	179, 176, 173
RGB Percent	70%, 69%, 68%
CMY	0.2980, 0.3097, 0.3215
CMYK	0.00, 0.02, 0.03, 0.30
HSL	30°, 4%, 69%
HSV	30°, 3%, 70%
XYZ	41.6657, 43.6590, 45.7731
YIQ	176.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

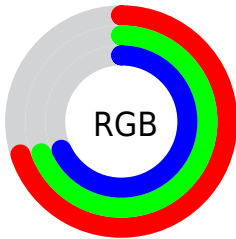
Format	Color
RYB	179, 179, 173
Decimal	11776173
CIELab	72.00, 0.51, 1.90
CIElCh	72, 1.969, 74.848
Yxy	43.6590, 0.3178, 0.3330
Android (android.graphics.Color)	4289966253 (0xFFB3B0AD)
YUV	176.5550, -1.7526, 2.1443
Hunter-Lab	66.0750, -3.0722, 5.1796

Details

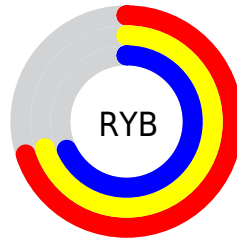
The CIELCh color $72, 1.969, 74.848$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 1.967, 256.056$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 2.309, 82.211$, and $52, 1.903, 84.835$ is the 20% darker color. If you saturate the color by 10%, you get $69, 8.043, 73.824$, and if you desaturate by 10%, it is $75, 3.845, 256.350$.

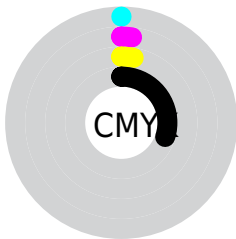
Distribution



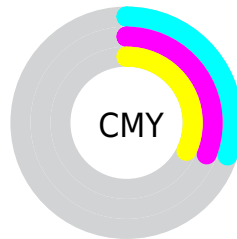
- Red (70%)
- Green (69%)
- Blue (68%)



- Red (70%)
- Yellow (70%)
- Blue (68%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (32%)
- Black (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 1.969, 74.848 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, 1.969, 74.848 by changing the saturation by 10% instead.

■ 72, 1.969, 74.848

■ 72, 1.969, 74.848

■ 100, 1.969, 74.848

■ 62, 1.969, 74.848

■ 92, 1.969, 74.848

■ 52, 1.969, 74.848

■ 42, 1.969, 74.848

■ 32, 1.969, 74.848

■ 22, 1.969, 74.848

■ 12, 1.969, 74.848

■ 2, 1.969, 74.848

■ 0, 1.969, 74.848

■ 72, 1.969, 74.848

■ 72, 1.969, 74.848

69, 8.043, 73.824	75, 3.845, 256.350
66, 14.399, 72.610	78, 9.426, 257.449
64, 21.054, 71.371	81, 14.800, 258.549
61, 28.009, 70.119	84, 19.989, 259.614
59, 35.229, 68.852	86, 21.893, 254.477
56, 42.615, 67.546	89, 20.426, 239.158
54, 49.940, 66.139	91, 20.506, 222.979
51, 56.746, 64.489	93, 22.066, 208.192
49, 62.257, 62.324	95, 24.265, 197.921

Harmonies

Complementary

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



72, 1.969, 74.848



72, 1.967, 256.056

Rectangle

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



72, 1.969, 74.848



72, 1.969, 124.848



72, 1.969, 254.848



72, 1.969, 304.848

Sweetspot

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



72, 1.970, 74.906



92, 0.716, 74.783



71, 2.803, 343.787



49, 0.410, 74.757



96, 0.011, 296.813



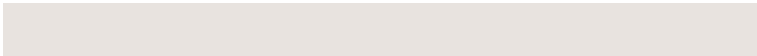
49, 0.007, 296.813

Same Dimension

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



72, 1.970, 74.906



91, 2.909, 74.850



73, 3.243, 109.844



37, 1.667, 74.797



41, 58.036, 61.233



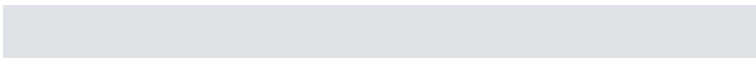
4, 7.582, 63.062

Inverse Universe

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



72, 1.967, 256.056



90, 2.896, 256.116



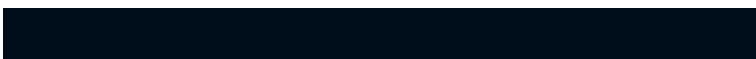
71, 3.283, 290.520



37, 1.655, 256.174



33, 48.665, 283.404



3, 8.805, 266.126

Previews

White Background



This preview shows how the CIELCh color 72, 1.969, 74.848 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 CIE LCh color 72, 1.969, 74.848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

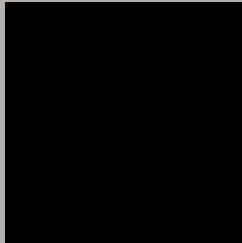
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

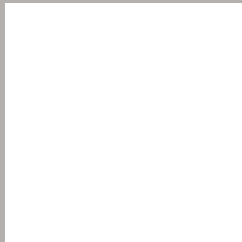
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 1.969, 74.848

Background



This preview shows how black text looks on a background with the CIELCh color 72, 1.969, 74.848.

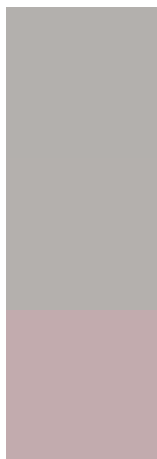


This preview shows how white text looks on a background with the CIELCh color 72, 1.969, 74.848.

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, 1.969, 74.848

Protanopia

72, 2.207, 66.718

Deuteranopia

72, 8.947, 9.692



Tritanopia
72, 8.085, 309.382

Trichromacy



Original Color
72, 1.969, 74.848

Protanomaly
72, 2.207, 66.718

Deuteranomaly
72, 6.119, 14.779

Tritanomaly
72, 4.761, 313.458

Monochromacy



Original Color
72, 1.969, 74.848

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 0.649, 74.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 1.969, 74.848 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(179, 176, 173)` looks like.

```
.text, #text, p{  
    color:rgb(179, 176, 173)  
}
```

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(179, 176, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 176, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 1.969, 74.848 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(179, 176, 173) }
```

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

```
.border{ border-color:rgb(179, 176, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 176, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 176, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 176, 173);  
box-shadow:4px 4px 4px 4px rgb(179, 176,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 1.969, 74.848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 176, 173) }
```

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

```
.background{ background-color: rgb(179,  
176, 173) }
```

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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