

Converting Colors

CIELCh(72, 3.879, 131.385)

Have a look what the booklet for
CIELCh(72, 3.879, 131.385) contains.

CIELCh(72, 4.098, 131.395)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 4.098, 131.395)

Conversions

Conversions Part 1

Format	Color
Hex	AEB2AB
RGB	174, 178, 171
RGB Percent	68%, 70%, 67%
CMY	0.3185, 0.3028, 0.3303
CMYK	0.02, 0.00, 0.04, 0.30
HSL	94°, 4%, 68%
HSV	94°, 4%, 70%
XYZ	40.6136, 43.6590, 44.7059
YIQ	176.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

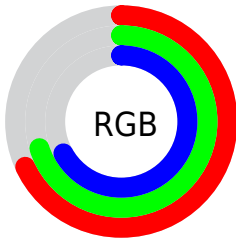
Format	Color
RYB	171, 178, 175
Decimal	11449003
CIELab	72.00, -2.71, 3.07
CIELCh	72, 4.098, 131.395
Yxy	43.6590, 0.3149, 0.3385
Android (android.graphics.Color)	4289639083 (0xFFFAEB2AB)
YUV	176.0060, -2.4680, -1.7593
Hunter-Lab	66.0750, -5.9146, 6.1373

Details

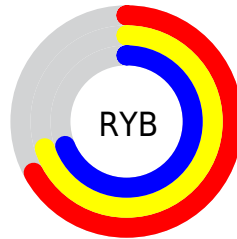
The CIELCh color **72, 4.098, 131.395** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 4.133, 311.662**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 4.509, 133.211**, and **52, 3.687, 128.892** is the 20% darker color. If you saturate the color by 10%, you get **71, 14.571, 130.945**, and if you desaturate by 10%, it is **73, 6.305, 311.747**.

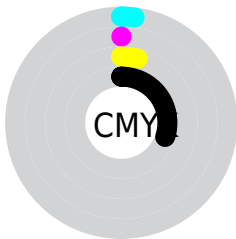
Distribution



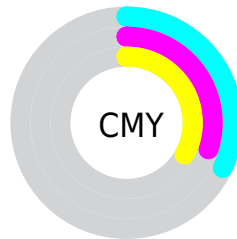
- Red (68%)
- Green (70%)
- Blue (67%)



- Red (67%)
- Yellow (70%)
- Blue (69%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.098, 131.395 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, 4.098, 131.395 by changing the saturation by 10% instead.

■ 72, 4.098, 131.395

■ 72, 4.098, 131.395

■ 100, 4.098,
131.395

■ 62, 4.098, 131.395

■ 92, 4.098, 131.395

■ 52, 4.098, 131.395

■ 42, 4.098, 131.395

■ 32, 4.098, 131.395

■ 22, 4.098, 131.395

■ 12, 4.098, 131.395

■ 2, 4.098, 131.395

■ 0, 4.098, 131.395

■ 72, 4.098, 131.395

■ 72, 4.098, 131.395

71, 14.571,
130.945

73, 6.305, 311.747

70, 25.040,
130.476

75, 16.596,
312.118

69, 35.408,
129.992

76, 26.737,
312.441

68, 45.538,
129.515

78, 36.705,
312.725

67, 55.235,
129.088

79, 44.203,
314.039

66, 64.221,
128.780

80, 45.374,
318.236

66, 72.123,
128.689

81, 46.760,
322.275

65, 78.502,
128.939

82, 48.334,
326.095

65, 82.991,

129.639

Harmonies

Complementary

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



72, 4.098, 131.395



70, 4.133, 311.662

Rectangle

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



72, 4.098, 131.395



72, 4.098, 181.395



72, 4.098, 311.395



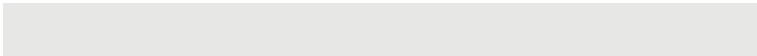
72, 4.098, 1.395

Sweetspot

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



72, 4.100, 131.402



92, 1.284, 131.614



72, 2.428, 81.672



49, 0.735, 131.623



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, 4.100, 131.402



91, 6.470, 131.347



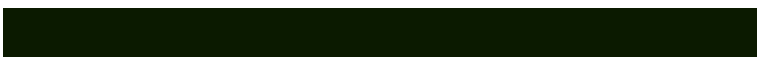
72, 4.441, 146.117



38, 3.554, 131.323



56, 75.995, 129.986



7, 14.728, 134.731

Inverse Universe

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



70, 4.133, 311.662



89, 6.525, 311.717



71, 4.457, 326.448



36, 3.584, 311.740



25, 83.811, 313.812



2, 14.021, 307.660

Previews

White Background



This preview shows how the CIELCh color 72, 4.098, 131.395 looks on a white background.

Color Contrast Check

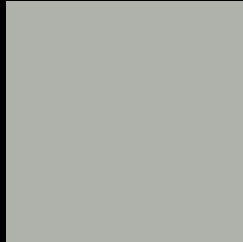
Large Text (above 18pt) WCAG AA × Fail

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, 4.098, 131.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

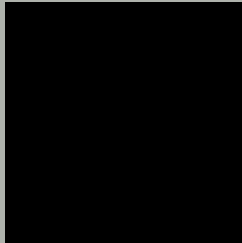
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

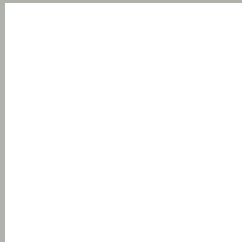
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.098, 131.395

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.098, 131.395.



This preview shows how white text looks on a background with the CIELCh color 72, 4.098, 131.395.

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, 4.098, 131.395

Protanopia

72, 3.754, 79.345

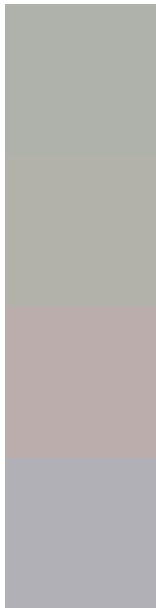
Deuteranopia

72, 9.240, 16.808



Tritanopia
72, 7.678, 296.355

Trichromacy



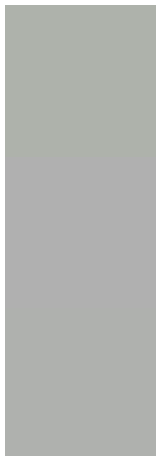
Original Color
72, 4.098, 131.395

Protanomaly
72, 3.807, 104.065

Deuteranomaly
72, 5.368, 25.557

Tritanomaly
72, 3.273, 290.515

Monochromacy



Original Color
72, 4.098, 131.395

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.795, 134.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.098, 131.395 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(174, 178, 171)` looks like.

```
.text, #text, p{  
    color:rgb(174, 178, 171)  
}
```

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(174, 178, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 178, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.098, 131.395 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(174, 178, 171) }
```

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

```
.border{ border-color:rgb(174, 178, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 178, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 178, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 178, 171);  
box-shadow:4px 4px 4px 4px rgb(174, 178,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.098, 131.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 178, 171) }
```

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

```
.background{ background-color: rgb(174,  
178, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor