

Converting Colors

CIELCh(72, 3.973, 163.349)

Have a look what the booklet for
CIELCh(72, 3.973, 163.349) contains.

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Color

CIELCh(72, 4.344, 160.469)

Conversions

Conversions Part 1

Format	Color
Hex	AAB3AE
RGB	170, 179, 174
RGB Percent	67%, 70%, 68%
CMY	0.3346, 0.2993, 0.3189
CMYK	0.05, 0.00, 0.03, 0.30
HSL	147°, 6%, 68%
HSV	147°, 5%, 70%
XYZ	40.1674, 43.6590, 46.1852
YIQ	175.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

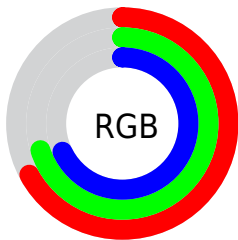
Format	Color
RYB	170, 176, 179
Decimal	11187118
CIELab	72.00, -4.09, 1.45
CIELCh	72, 4.344, 160.469
Yxy	43.6590, 0.3090, 0.3358
Android (android.graphics.Color)	4289377198 (0xFFAAB3AE)
YUV	175.7390, -0.8573, -5.0331
Hunter-Lab	66.0750, -7.1200, 4.8098

Details

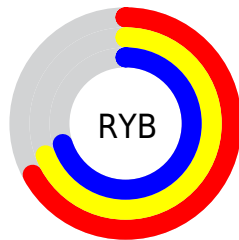
The CIELCh color **72, 4.344, 160.469** is a light color, and the websafe version is hex **999999**. A complement of this color would be **70, 4.378, 341.075**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 4.736, 158.401**, and **52, 3.959, 163.223** is the 20% darker color. If you saturate the color by 10%, you get **70, 13.011, 159.574**, and if you desaturate by 10%, it is **74, 4.274, 341.047**.

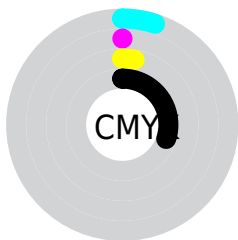
Distribution



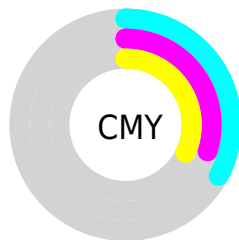
- Red (67%)
- Green (70%)
- Blue (68%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.344, 160.469 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, 4.344, 160.469 by changing the saturation by 10% instead.

■ 72, 4.344, 160.469

■ 72, 4.344, 160.469

■ 100, 4.344,
160.469

■ 62, 4.344, 160.469

■ 92, 4.344, 160.469

■ 52, 4.344, 160.469

■ 42, 4.344, 160.469

■ 32, 4.344, 160.469

■ 22, 4.344, 160.469

■ 12, 4.344, 160.469

■ 2, 4.344, 160.469

■ 0, 4.344, 160.469

■ 72, 4.344, 160.469

■ 72, 4.344, 160.469

70, 13.011,
159.574

74, 4.274, 341.047

69, 21.624,
158.629

75, 12.776,
341.781

68, 30.070,
157.570

77, 21.108,
342.412

67, 38.210,
156.371

79, 29.232,
342.987

66, 45.898,
155.008

81, 36.046,
341.885

65, 52.992,
153.458

81, 39.328,
335.839

65, 59.372,
151.706

82, 43.012,
330.858

64, 64.965,
149.751

82, 46.996,
326.772

64, 69.763,

82, 47.788,
326.077

147.616

Harmonies

Complementary

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



72, 4.344, 160.469



70, 4.378, 341.075

Rectangle

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



72, 4.344, 160.469



72, 4.344, 210.469



72, 4.344, 340.469



72, 4.344, 30.469

Sweetspot

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



72, 4.346, 160.462



92, 2.127, 160.816



72, 5.108, 126.492



49, 1.219, 160.836



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, 4.346, 160.462



91, 6.407, 160.363



72, 3.344, 193.673



37, 3.421, 160.325



55, 63.773, 146.875



7, 12.732, 156.150

Inverse Universe

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



70, 4.378, 341.075



88, 6.457, 341.172



70, 3.438, 14.105



36, 3.448, 341.210



33, 58.798, 356.239



2, 10.970, 346.748

Previews

White Background



This preview shows how the CIELCh color 72, 4.344, 160.469 looks on a white background.

Color Contrast Check

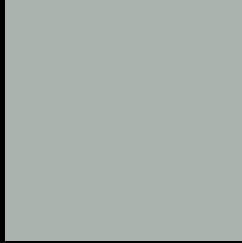
Large Text (above 18pt) WCAG AA × Fail

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, 4.344, 160.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

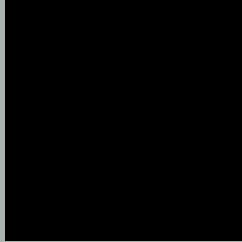
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

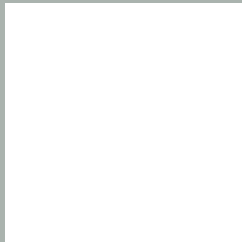
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.344, 160.469

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.344, 160.469.



This preview shows how white text looks on a background with the CIELCh color 72, 4.344, 160.469.

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

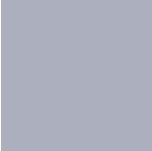
72, 4.344, 160.469

Protanopia

72, 2.631, 74.760

Deuteranopia

72, 9.045, 6.310



Tritanopia
72, 7.735, 280.198

Trichromacy



Original Color
72, 4.344, 160.469

Protanomaly
72, 2.201, 119.785

Deuteranomaly
72, 4.204, 12.239

Tritanomaly
72, 4.363, 260.449

Monochromacy



Original Color
72, 4.344, 160.469

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 1.248, 173.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.344, 160.469 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(170, 179, 174)` looks like.

```
.text, #text, p{  
    color:rgb(170, 179, 174)  
}
```

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(170, 179, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 179, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.344, 160.469 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(170, 179, 174) }
```

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

```
.border{ border-color:rgb(170, 179, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 179, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 179, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 179, 174);  
box-shadow:4px 4px 4px 4px rgb(170, 179,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.344, 160.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 179, 174) }
```

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

```
.background{ background-color: rgb(170,  
179, 174) }
```

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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