

Converting Colors

CIELCh(70, 5.431, 333.931)

Have a look what the booklet for
CIELCh(70, 5.431, 333.931) contains.

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Color

CIELCh(70, 5.399, 334.604)

Conversions

Conversions Part 1

Format	Color
Hex	B2A8AF
RGB	178, 168, 175
RGB Percent	70%, 66%, 69%
CMY	0.3006, 0.3398, 0.3123
CMYK	0.00, 0.06, 0.02, 0.30
HSL	318°, 6%, 68%
HSV	318°, 6%, 70%
XYZ	40.2801, 40.7494, 46.4804
YIQ	171.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

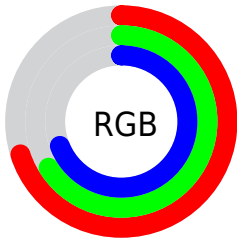
Format	Color
RYB	178, 168, 175
Decimal	11708591
CIELab	70.00, 4.88, -2.32
CIELCh	70, 5.399, 334.604
Yxy	40.7494, 0.3159, 0.3196
Android (android.graphics.Color)	4289898671 (0xFFB2A8AF)
YUV	171.7880, 1.5835, 5.4479
Hunter-Lab	63.8353, 0.9219, 1.5138

Details

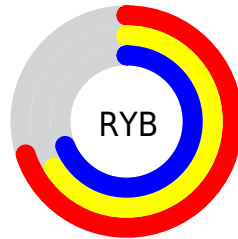
The CIELCh color $70, 5.399, 334.604$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 5.372, 153.969$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 5.387, 337.243$, and $50, 5.486, 331.711$ is the 20% darker color. If you saturate the color by 10%, you get $65, 15.130, 335.341$, and if you desaturate by 10%, it is $75, 4.170, 154.084$.

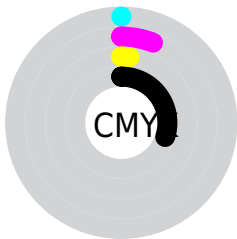
Distribution



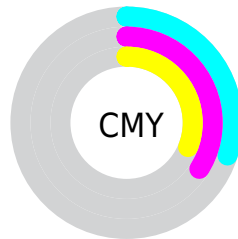
- Red (70%)
- Green (66%)
- Blue (69%)



- Red (70%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (30%)



- Cyan (30%)
- Magenta (34%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.399, 334.604 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 70, 5.399, 334.604 by changing the saturation by 10% instead.

 70, 5.399, 334.604

 70, 5.399, 334.604

 100, 5.399,
334.604

 60, 5.399, 334.604

 90, 5.399, 334.604


 50, 5.399, 334.604

 40, 5.399, 334.604

 30, 5.399, 334.604

 20, 5.399, 334.604

 10, 5.399, 334.604

 0, 5.399, 334.604

 70, 5.399, 334.604

 70, 5.399, 334.604

 65, 15.130,

 75, 4.170, 154.084

335.341

80, 13.503,
153.415

61, 24.913,
336.089

85, 22.567,
152.823

56, 34.564,
336.884

90, 31.352,
152.271

52, 43.814,
337.740

94, 38.376,
152.210

49, 52.305,
338.675

94, 36.353,
155.097

45, 59.596,
339.720

94, 34.410,
158.299

43, 65.228,
340.918

94, 32.564,
161.856

41, 68.832,
342.331

94, 30.837,
165.806

40, 70.299,
344.033

Harmonies

Complementary

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



70, 5.399, 334.604



72, 5.372, 153.969

Rectangle

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



70, 5.399, 334.604



70, 5.399, 24.604



70, 5.399, 154.604



70, 5.399, 204.604

Sweetspot

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



70, 5.397, 334.608



91, 2.381, 334.267



70, 5.619, 302.114



49, 1.365, 334.252



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 5.397, 334.608



88, 8.355, 334.722



70, 3.962, 3.637



36, 4.370, 334.747



34, 63.214, 344.574



2, 12.203, 338.787

Inverse Universe

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



70, 5.397, 334.608



88, 8.355, 334.722



72, 3.873, 182.882



36, 4.370, 334.747



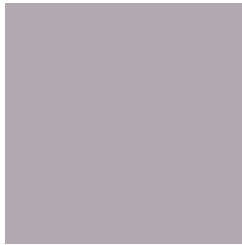
34, 63.214, 344.574



2, 12.203, 338.787

Previews

White Background



This preview shows how the CIELCh color 70, 5.399, 334.604 looks on a white background.

Color Contrast Check

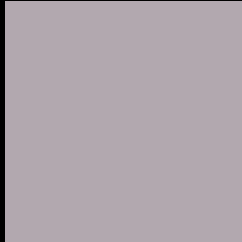
Large Text (above 18pt) WCAG AA × Fail

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 70, 5.399, 334.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

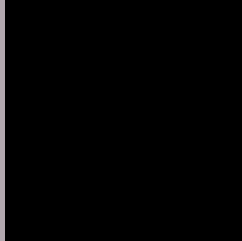
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

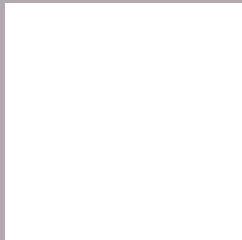
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 5.399, 334.604

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.399, 334.604.



This preview shows how white text looks on a background with the CIELCh color 70, 5.399, 334.604.

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

70, 5.399, 334.604

Protanopia

70, 3.491, 309.184

Deuteranopia

70, 9.049, 343.051



Tritanopia
70, 8.252, 320.473

Trichromacy



Original Color

70, 5.399, 334.604

Protanomaly

70, 4.471, 320.628

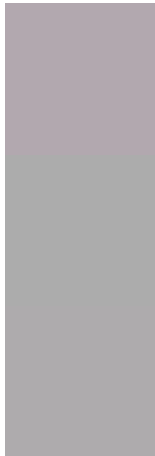
Deuteranomaly

70, 7.815, 341.063

Tritanomaly

70, 7.328, 324.742

Monochromacy



Original Color

70, 5.399, 334.604

Achromatopsia

70, 0.009, 296.813

Achromatomaly

70, 1.586, 335.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.399, 334.604 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(178, 168, 175)` looks like.

```
.text, #text, p{  
    color:rgb(178, 168, 175)  
}
```

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(178, 168, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 168, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.399, 334.604 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(178, 168, 175) }
```

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

```
.border{ border-color:rgb(178, 168, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 168, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 168, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 168, 175);  
box-shadow:4px 4px 4px 4px rgb(178, 168,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.399, 334.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 168, 175) }
```

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

```
.background{ background-color: rgb(178,  
168, 175) }
```

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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