

Converting Colors

CIELCh(70, 4.594, 185.348)

Have a look what the booklet for
CIELCh(70, 4.594, 185.348) contains.

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Color

CIELCh(70, 4.599, 185.344)

Conversions

Conversions Part 1

Format	Color
Hex	A2AEAC
RGB	162, 174, 172
RGB Percent	64%, 68%, 67%
CMY	0.3660, 0.3190, 0.3268
CMYK	0.07, 0.00, 0.01, 0.32
HSL	170°, 7%, 66%
HSV	170°, 7%, 68%
XYZ	37.3135, 40.7494, 44.7548
YIQ	170.1840, -6.5100, -3.1660

Conversions

Conversions Part 2

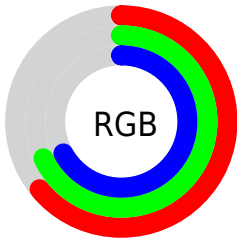
Format	Color
RYB	162, 169, 174
Decimal	10661548
CIELab	70.00, -4.58, -0.43
CIELCh	70, 4.599, 185.344
Yxy	40.7494, 0.3038, 0.3318
Android (android.graphics.Color)	4288851628 (0xFFA2AEAC)
YUV	170.1840, 0.8953, -7.1774
Hunter-Lab	63.8353, -7.3736, 3.1166

Details

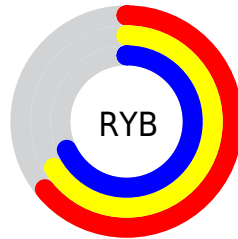
The CIELCh color $70, 4.599, 185.344$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 4.740, 6.324$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 4.377, 185.507$, and $50, 4.889, 185.090$ is the 20% darker color. If you saturate the color by 10%, you get $69, 11.083, 184.399$, and if you desaturate by 10%, it is $71, 2.087, 5.842$.

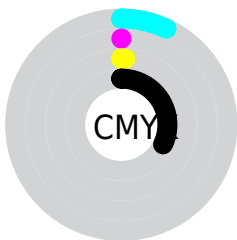
Distribution



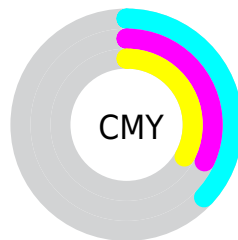
- Red (64%)
- Green (68%)
- Blue (67%)



- Red (64%)
- Yellow (66%)
- Blue (68%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (32%)



- Cyan (37%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 4.599, 185.344 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, 4.599, 185.344 by changing the saturation by 10% instead.

■ 70, 4.599, 185.344

■ 70, 4.599, 185.344

■ 100, 4.599,
185.344

■ 60, 4.599, 185.344

■ 90, 4.599, 185.344

■ 50, 4.599, 185.344

■ 40, 4.599, 185.344

■ 30, 4.599, 185.344

■ 20, 4.599, 185.344

■ 10, 4.599, 185.344

■ 0, 4.599, 185.344

■ 70, 4.599, 185.344

■ 70, 4.599, 185.344

■ 69, 11.083,

■ 71, 2.087, 5.842

184.399

73, 8.895, 6.825

68, 17.264,
183.477

75, 15.758, 7.636

67, 23.037,
182.515

76, 22.619, 8.412

66, 28.293,
181.497

78, 29.440, 9.162

65, 32.927,
180.406

79, 32.318, 5.074

64, 36.856,
179.221

79, 32.625, 2.448

79, 33.006,
359.881

64, 40.028,
177.921

64, 42.439,
176.484

64, 44.172,
174.908

Harmonies

Complementary

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



70, 4.599, 185.344



68, 4.740, 6.324

Rectangle

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



70, 4.599, 185.344



70, 4.599, 235.344



70, 4.599, 5.344



70, 4.599, 55.344

Sweetspot

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



70, 4.600, 185.329



90, 1.663, 185.983



70, 7.572, 139.019



48, 0.953, 186.012



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 4.600, 185.329



89, 6.611, 185.208



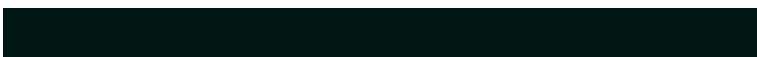
69, 3.644, 234.290



36, 3.753, 185.098



56, 40.089, 174.630



6, 8.262, 180.944

Inverse Universe

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



68, 4.740, 6.324



85, 6.846, 6.455



68, 3.769, 53.016



34, 3.905, 6.576



31, 63.523, 30.912



2, 7.973, 8.238

Previews

White Background



This preview shows how the CIELCh color 70, 4.599, 185.344 looks on a white background.

Color Contrast Check

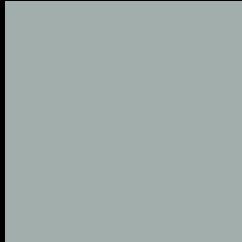
Large Text (above 18pt) WCAG AA × Fail

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, 4.599, 185.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

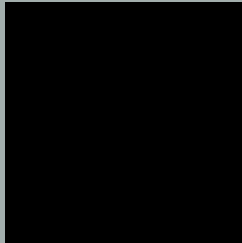
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

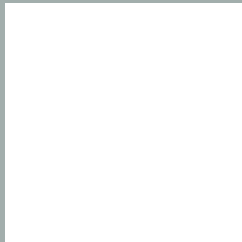
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 4.599, 185.344

Background



This preview shows how black text looks on a background with the CIELCh color 70, 4.599, 185.344.



This preview shows how white text looks on a background with the CIELCh color 70, 4.599, 185.344.

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, 4.599, 185.344

Protanopia
70, 1.514, 19.213

Deuteranopia
70, 8.531, 353.543



Tritanopia
70, 7.621, 268.678

Trichromacy



Original Color

70, 4.599, 185.344

Protanomaly

70, 0.374, 200.685

Deuteranomaly

70, 3.749, 343.917

Tritanomaly

70, 5.231, 246.454

Monochromacy



Original Color

70, 4.599, 185.344

Achromatopsia

70, 0.009, 296.813

Achromatomaly

70, 1.495, 199.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 4.599, 185.344 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(162, 174, 172)` looks like.

```
.text, #text, p{  
    color:rgb(162, 174, 172)  
}
```

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(162, 174, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 174, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 4.599, 185.344 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(162, 174, 172) }
```

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

```
.border{ border-color:rgb(162, 174, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 174, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 174, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 174, 172);  
box-shadow:4px 4px 4px 4px rgb(162, 174,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 4.599, 185.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 174, 172) }
```

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

```
.background{ background-color: rgb(162,  
174, 172) }
```

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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