

Converting Colors

CIELCh(70, 8.940, 101.575)

Have a look what the booklet for
CIELCh(70, 8.940, 101.575) contains.

CIELCh(70, 8.854, 99.108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 8.854, 99.108)

Conversions

Conversions Part 1

Format	Color
Hex	AFAB9B
RGB	175, 171, 155
RGB Percent	69%, 67%, 61%
CMY	0.3127, 0.3283, 0.3911
CMYK	0.00, 0.02, 0.11, 0.31
HSL	48°, 11%, 65%
HSV	48°, 11%, 69%
XYZ	38.2934, 40.7494, 36.9748
YIQ	170.3720, 7.5200, -4.1280

Conversions

Conversions Part 2

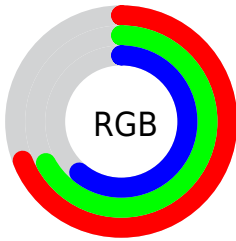
Format	Color
RYB	160, 175, 155
Decimal	11512731
CIELab	70.00, -1.40, 8.74
CIELCh	70, 8.854, 99.108
Yxy	40.7494, 0.3301, 0.3512
Android (android.graphics.Color)	4289702811 (0xFFAFAB9B)
YUV	170.3720, -7.5784, 4.0588
Hunter-Lab	63.8353, -4.6333, 10.3426

Details

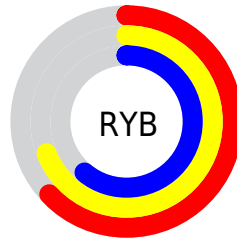
The CIELCh color **70, 8.854, 99.108** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 8.971, 281.793**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 8.979, 97.588**, and **50, 8.818, 100.760** is the 20% darker color. If you saturate the color by 10%, you get **69, 16.676, 97.969**, and if you desaturate by 10%, it is **71, 1.085, 100.126**.

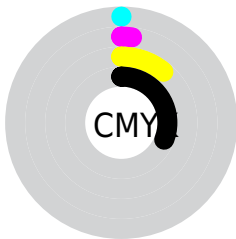
Distribution



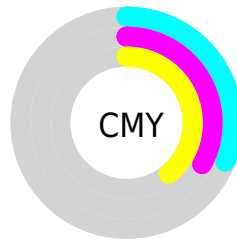
- Red (69%)
- Green (67%)
- Blue (61%)



- Red (63%)
- Yellow (69%)
- Blue (61%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (31%)




- Cyan (31%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.854, 99.108 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, 8.854, 99.108 by changing the saturation by 10% instead.

 70, 8.854, 99.108  70, 8.854, 99.108

 100, 8.854, 99.108  60, 8.854, 99.108

 90, 8.854, 99.108  50, 8.854, 99.108

 40, 8.854, 99.108


 30, 8.854, 99.108

 20, 8.854, 99.108

 10, 8.854, 99.108

 0, 8.854, 99.108

 70, 8.854, 99.108  70, 8.854, 99.108

 69, 16.676, 97.969  71, 1.085, 100.126

67, 24.511, 96.786

73, 6.616, 281.361

66, 32.294, 95.579

74, 14.239,
282.388

65, 39.909, 94.355

76, 21.780,
283.376

64, 47.157, 93.119

63, 53.714, 91.866

77, 29.240,
284.318

62, 59.095, 90.576

79, 33.779,
284.156

61, 62.718, 89.204

60, 64.533, 87.952

79, 32.006,
281.451

80, 30.312,
278.457

81, 28.708,
275.139

Harmonies

Complementary

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



70, 8.854, 99.108



66, 8.971, 281.793

Rectangle

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



70, 8.854, 99.108



70, 8.854, 149.108



70, 8.854, 279.108



70, 8.854, 329.108

Sweetspot

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



70, 8.855, 99.119



90, 2.854, 100.015



66, 8.073, 4.264



48, 2.183, 99.939



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, 8.855, 99.119



88, 13.418, 98.798



71, 11.138, 121.163



36, 4.349, 99.356



52, 57.732, 88.161



6, 8.497, 95.700

Inverse Universe

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



66, 8.971, 281.793



81, 13.629, 282.166



65, 11.384, 302.475



34, 4.398, 281.525



21, 77.866, 302.018



1, 9.566, 282.539

Previews

White Background



This preview shows how the CIELCh color 70, 8.854, 99.108 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 CIELCh color 70, 8.854, 99.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

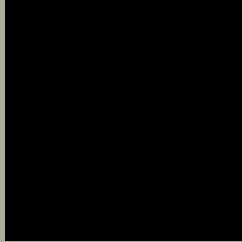
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

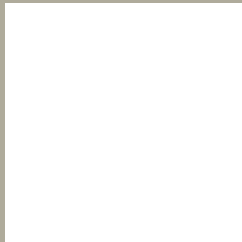
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 8.854, 99.108

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.854, 99.108.



This preview shows how white text looks on a background with the CIELCh color 70, 8.854, 99.108.

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, 8.854, 99.108

Protanopia

70, 8.754, 88.322

Deuteranopia

70, 11.945, 41.571



Tritanopia
70, 8.252, 320.473

Trichromacy



Original Color
70, 8.854, 99.108

Protanomaly
70, 8.621, 90.776

Deuteranomaly
70, 9.937, 56.909

Tritanomaly
70, 3.796, 354.038

Monochromacy



Original Color
70, 8.854, 99.108

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.351, 96.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.854, 99.108 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(175, 171, 155)` looks like.

```
.text, #text, p{  
    color:rgb(175, 171, 155)  
}
```

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(175, 171, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 171, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.854, 99.108 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(175, 171, 155) }
```

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

```
.border{ border-color:rgb(175, 171, 155) }
```

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

Here you see how a box with a 4 pixel rgb(175, 171, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 171, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 171, 155);  
box-shadow:4px 4px 4px 4px rgb(175, 171,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.854, 99.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 171, 155) }
```

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

```
.background{ background-color: rgb(175,  
171, 155) }
```

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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