

Converting Colors

CIELCh(70, 7.423, 96.440)

Have a look what the booklet for
CIELCh(70, 7.423, 96.440) contains.

| | |
|--|----|
| CIELCh(70, 7.247, 97.063) | 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, 7.247, 97.063)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | AFAB9E |
| RGB | 175, 171, 158 |
| RGB Percent | 69%, 67%, 62% |
| CMY | 0.3134, 0.3291, 0.3801 |
| CMYK | 0.00, 0.02, 0.10, 0.31 |
| HSL | 46°, 10%, 65% |
| HSV | 46°, 10%, 69% |
| XYZ | 38.4525, 40.7494, 38.2210 |
| YIQ | 170.7140, 6.5570, -3.1950 |

Conversions

Conversions Part 2

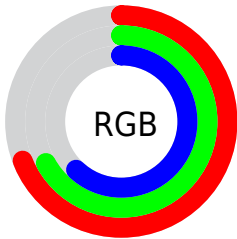
| Format | Color |
|-------------------------------------|---|
| RYB | 163, 175, 158 |
| Decimal | 11512734 |
| CIELab | 70.00, -0.89, 7.19 |
| CIElCh | 70, 7.247, 97.063 |
| Yxy | 40.7494, 0.3275, 0.3470 |
| Android (android.graphics.Color) | 4289702814 (0xFFAFAB9E) |
| YUV | 170.7140, -6.2680, 3.7588 |
| Hunter-Lab | 63.8353, -4.1887, 9.1851 |

Details

The CIELCh color **70, 7.247, 97.063** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 7.313, 279.411**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 6.960, 94.347**, and **50, 7.178, 95.742** is the 20% darker color. If you saturate the color by 10%, you get **69, 14.796, 95.901**, and if you desaturate by 10%, it is **72, 0.223, 278.965**.

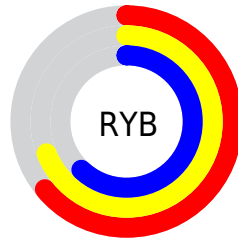
Distribution



Red (69%)

Green (67%)

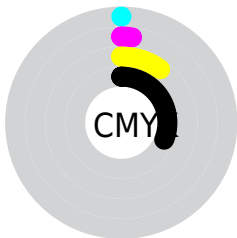
Blue (62%)



Red (64%)

Yellow (69%)

Blue (62%)

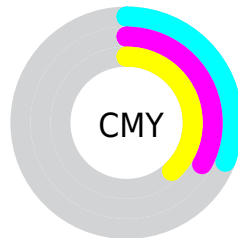


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.247, 97.063 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, 7.247, 97.063 by changing the saturation by 10% instead.

■ 70, 7.247, 97.063

■ 70, 7.247, 97.063

■ 100, 7.247, 97.063

■ 60, 7.247, 97.063

■ 90, 7.247, 97.063

■ 50, 7.247, 97.063

■ 40, 7.247, 97.063

■ 30, 7.247, 97.063

■ 20, 7.247, 97.063

■ 10, 7.247, 97.063

■ 0, 7.247, 97.063

■ 70, 7.247, 97.063

■ 70, 7.247, 97.063

■ 69, 14.796, 95.901

■ 72, 0.223, 278.965

67, 22.395, 94.683

73, 7.607, 279.371

66, 29.991, 93.435

75, 14.897,
280.417

64, 37.491, 92.160

76, 22.096,
281.422

63, 44.724, 90.859

62, 51.403, 89.521

78, 29.206,
282.380

60, 57.077, 88.118

79, 32.024,
281.362

59, 61.148, 86.587

58, 63.503, 84.896

81, 30.044,
277.807

82, 28.193,
273.799

83, 26.495,
269.286

Harmonies

Complementary

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



70, 7.247, 97.063



67, 7.313, 279.411

Rectangle

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



70, 7.247, 97.063



70, 7.247, 147.063



70, 7.247, 277.063



70, 7.247, 327.063

Sweetspot

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



70, 7.248, 97.076



90, 2.748, 97.796



67, 6.966, 0.368



48, 2.102, 97.720



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, 7.248, 97.076



88, 11.079, 96.788



71, 9.399, 119.320



36, 4.191, 97.124



50, 56.914, 85.100



5, 8.118, 92.547

Inverse Universe

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



67, 7.313, 279.411



83, 11.194, 279.738



66, 9.589, 300.530



34, 4.228, 279.358



22, 74.675, 300.719



2, 9.273, 280.895

Previews

White Background



This preview shows how the CIELCh color 70, 7.247, 97.063 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, 7.247, 97.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

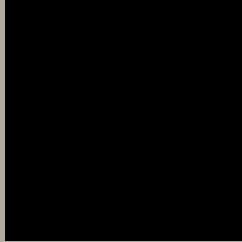
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

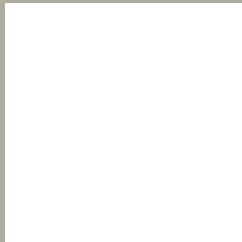
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 7.247, 97.063

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.247, 97.063.



This preview shows how white text looks on a background with the CIELCh color 70, 7.247, 97.063.

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, 7.247, 97.063

Protanopia

70, 7.080, 86.849

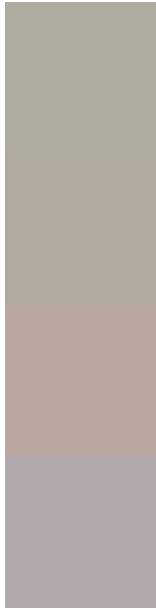
Deuteranopia

70, 11.148, 37.234



Tritanopia
70, 8.073, 318.165

Trichromacy



Original Color
70, 7.247, 97.063

Protanomaly
70, 6.940, 89.841

Deuteranomaly
70, 8.640, 50.151

Tritanomaly
70, 3.749, 343.917

Monochromacy



Original Color
70, 7.247, 97.063

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.746, 101.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.247, 97.063 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(175, 171, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 171, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.247, 97.063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

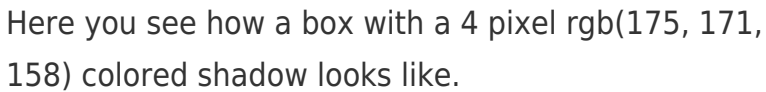
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 171, 158) }
```

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

```
.border{ border-color:rgb(175, 171, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 171, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 171, 158); box-shadow:4px 4px 4px 4px rgb(175, 171, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.247, 97.063 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, 158) }
```

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

```
.background{ background-color: rgb(175,  
171, 158) }
```

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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