

Converting Colors

CIELCh(70, 8.968, 71.608)

Have a look what the booklet for
CIELCh(70, 8.968, 71.608) contains.

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Color

CIELCh(70, 8.979, 71.599)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B7A99C |
| RGB | 183, 169, 156 |
| RGB Percent | 72%, 66%, 61% |
| CMY | 0.2831, 0.3379, 0.3889 |
| CMYK | 0.00, 0.08, 0.15, 0.28 |
| HSL | 29°, 16%, 66% |
| HSV | 29°, 15%, 72% |
| XYZ | 39.6263, 40.7494, 37.1519 |
| YIQ | 171.7040, 12.5170, -1.0750 |

Conversions

Conversions Part 2

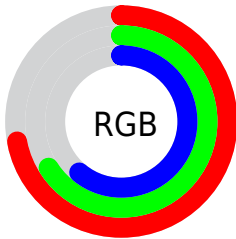
| Format | Color |
|-------------------------------------|--|
| RYB | 183, 181, 156 |
| Decimal | 12036508 |
| CIELab | 70.00, 2.83, 8.52 |
| CIELCh | 70, 8.979, 71.599 |
| Yxy | 40.7494, 0.3372, 0.3467 |
| Android (android.graphics.Color) | 4290226588 (0xFFB7A99C) |
| YUV | 171.7040, -7.7421, 9.9066 |
| Hunter-Lab | 63.8353, -0.9062, 10.1781 |

Details

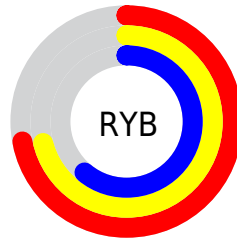
The CIELCh color $70, 8.979, 71.599$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 8.616, 255.399$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 9.125, 72.020$, and $50, 8.932, 70.975$ is the 20% darker color. If you saturate the color by 10%, you get $67, 15.442, 70.426$, and if you desaturate by 10%, it is $73, 2.825, 72.717$.

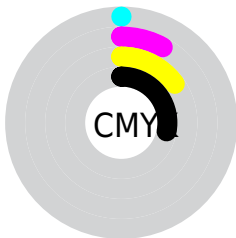
Distribution



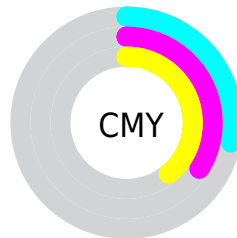
- Red (72%)
- Green (66%)
- Blue (61%)



- Red (72%)
- Yellow (71%)
- Blue (61%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (28%)



- Cyan (28%)
- Magenta (34%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.979, 71.599 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, 8.979, 71.599 by changing the saturation by 10% instead.

■ 70, 8.979, 71.599

■ 70, 8.979, 71.599

■ 100, 8.979, 71.599

■ 60, 8.979, 71.599

■ 90, 8.979, 71.599

■ 50, 8.979, 71.599

■ 40, 8.979, 71.599

■ 30, 8.979, 71.599

■ 20, 8.979, 71.599

■ 10, 8.979, 71.599

■ 0, 8.979, 71.599

■ 70, 8.979, 71.599

■ 70, 8.979, 71.599

■ 67, 15.442, 70.426

■ 73, 2.825, 72.717

64, 22.231, 69.223

76, 3.048, 254.129

62, 29.348, 68.015

79, 8.666, 255.193

59, 36.756, 66.797

82, 14.060,
256.283

56, 44.347, 65.545

85, 19.254,
257.343

54, 51.870, 64.185

52, 58.819, 62.553

88, 20.154,
248.582

49, 64.346, 60.340

90, 19.346,
230.877

48, 66.905, 59.135

93, 20.357,
213.566

95, 22.890,
199.147

Harmonies

Complementary

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



70, 8.979, 71.599



69, 8.616, 255.399

Rectangle

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



70, 8.979, 71.599



70, 8.979, 121.599



70, 8.979, 251.599



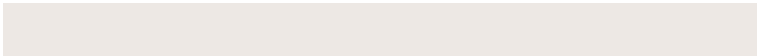
70, 8.979, 301.599

Sweetspot

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



70, 8.979, 71.613



92, 2.924, 72.777



67, 13.006, 343.081



49, 2.099, 72.712



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 8.979, 71.613



87, 13.644, 71.197



73, 14.059, 107.369



37, 3.411, 72.237



41, 59.215, 59.647



5, 8.740, 59.175

Inverse Universe

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



69, 8.616, 255.399



86, 12.944, 255.938



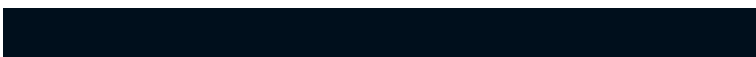
65, 14.503, 290.432



37, 3.330, 254.646



34, 47.498, 281.537



4, 10.039, 265.827

Previews

White Background



This preview shows how the CIELCh color 70, 8.979, 71.599 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, 8.979, 71.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

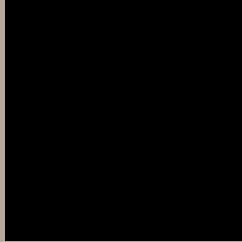
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

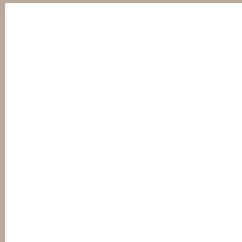
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 8.979, 71.599

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.979, 71.599.



This preview shows how white text looks on a background with the CIELCh color 70, 8.979, 71.599.

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, 8.979, 71.599

Protanopia

70, 8.094, 89.648

Deuteranopia

70, 11.945, 41.571



Tritanopia
70, 10.665, 338.557

Trichromacy



Original Color
70, 8.979, 71.599

Protanomaly
70, 8.089, 80.499

Deuteranomaly
70, 10.343, 48.277

Tritanomaly
70, 7.597, 3.352

Monochromacy



Original Color
70, 8.979, 71.599

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.313, 74.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.979, 71.599 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(183, 169, 156)` looks like.

```
.text, #text, p{  
    color:rgb(183, 169, 156)  
}
```

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(183, 169, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 169, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.979, 71.599 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(183, 169, 156) }
```

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

```
.border{ border-color:rgb(183, 169, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 169, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 169, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 169, 156);  
box-shadow:4px 4px 4px 4px rgb(183, 169,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.979, 71.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 169, 156) }
```

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

```
.background{ background-color: rgb(183,  
169, 156) }
```

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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