

Converting Colors

CIELCh(71, 3.963, 164.386)

Have a look what the booklet for
CIELCh(71, 3.963, 164.386) contains.

CIELCh(71, 4.029, 166.422)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 4.029, 166.422)

Conversions

Conversions Part 1

Format	Color
Hex	A7B0AC
RGB	167, 176, 172
RGB Percent	65%, 69%, 67%
CMY	0.3455, 0.3102, 0.3259
CMYK	0.05, 0.00, 0.02, 0.31
HSL	153°, 5%, 67%
HSV	153°, 5%, 69%
XYZ	38.8547, 42.1875, 45.0715
YIQ	172.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

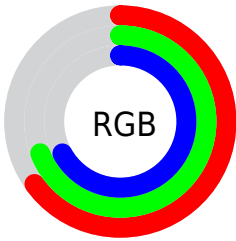
Format	Color
RYB	167, 173, 176
Decimal	10989740
CIELab	71.00, -3.92, 0.95
CIElCh	71, 4.029, 166.422
Yxy	42.1875, 0.3081, 0.3345
Android (android.graphics.Color)	4289179820 (0xFFA7B0AC)
YUV	172.8530, -0.4205, -5.1331
Hunter-Lab	64.9519, -6.8858, 4.3237

Details

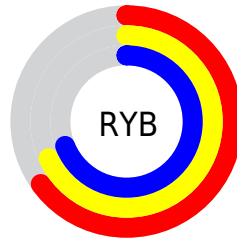
The CIELCh color $71, 4.029, 166.422$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 4.073, 347.087$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 4.417, 163.400$, and $51, 4.296, 166.229$ is the 20% darker color. If you saturate the color by 10%, you get $70, 11.900, 165.448$, and if you desaturate by 10%, it is $73, 3.848, 347.039$.

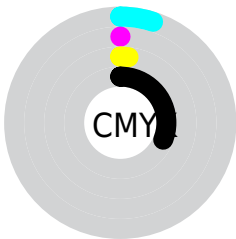
Distribution



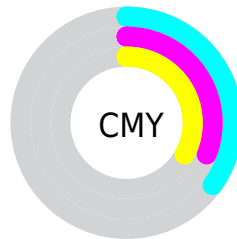
- Red (65%)
- Green (69%)
- Blue (67%)



- Red (65%)
- Yellow (68%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)



- Cyan (35%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 4.029, 166.422 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 71, 4.029, 166.422 by changing the saturation by 10% instead.

■ 71, 4.029, 166.422

■ 71, 4.029, 166.422

■ 100, 4.029,
166.422

■ 61, 4.029, 166.422

■ 91, 4.029, 166.422

■ 51, 4.029, 166.422

■ 41, 4.029, 166.422

■ 31, 4.029, 166.422

■ 21, 4.029, 166.422

■ 11, 4.029, 166.422

■ 1, 4.029, 166.422

■ 0, 4.029, 166.422

■ 71, 4.029, 166.422

■ 71, 4.029, 166.422

70, 11.900,
165.448

73, 3.848, 347.039

68, 19.666,
164.444

74, 11.665,
347.867

67, 27.219,
163.338

76, 19.364,
348.586

66, 34.434,
162.103

78, 26.907,
349.251

65, 41.182,
160.716

80, 34.268,
349.875

65, 47.339,
159.151

80, 36.368,
344.217

64, 52.813,
157.388

81, 38.770,
339.210

64, 57.553,
155.417

81, 41.459,
334.870

63, 61.581,

81, 44.377,
331.130

Harmonies

Complementary

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



71, 4.029, 166.422



69, 4.073, 347.087

Rectangle

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



71, 4.029, 166.422



71, 4.029, 216.422



71, 4.029, 346.422



71, 4.029, 36.422

Sweetspot

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



71, 4.031, 166.412



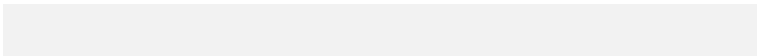
91, 1.951, 166.819



71, 5.259, 130.607



48, 1.108, 166.843



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 4.031, 166.412



90, 5.868, 166.311



71, 3.168, 203.753



36, 3.086, 166.271



55, 56.173, 152.510



6, 9.978, 161.599

Inverse Universe

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



69, 4.073, 347.087



87, 5.935, 347.188



69, 3.271, 23.854



35, 3.123, 347.229



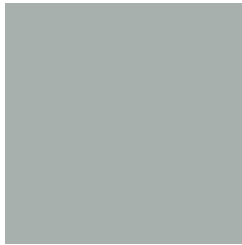
32, 56.952, 6.479



2, 8.869, 351.764

Previews

White Background



This preview shows how the CIE LCh color 71, 4.029, 166.422 looks on a white background.

Color Contrast Check

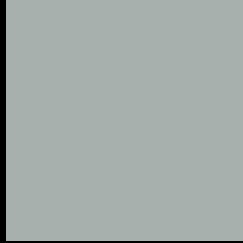
Large Text (above 18pt) WCAG AA × Fail

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 71, 4.029, 166.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

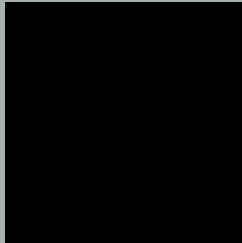
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

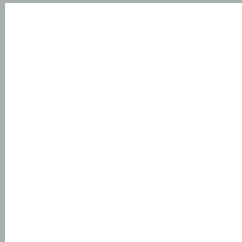
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 4.029, 166.422

Background



This preview shows how black text looks on a background with the CIELCh color 71, 4.029, 166.422.



This preview shows how white text looks on a background with the CIELCh color 71, 4.029, 166.422.

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

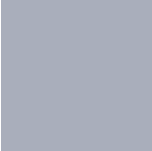
71, 4.029, 166.422

Protanopia

71, 2.214, 66.714

Deuteranopia

71, 8.837, 2.246



Tritanopia
71, 7.291, 276.549

Trichromacy



Original Color
71, 4.029, 166.422

Protanomaly
71, 1.674, 122.990

Deuteranomaly
71, 4.319, 5.076

Tritanomaly
71, 4.557, 256.467

Monochromacy



Original Color
71, 4.029, 166.422

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.251, 173.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 4.029, 166.422 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(167, 176, 172)` looks like.

```
.text, #text, p{  
    color:rgb(167, 176, 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(167, 176, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 176, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 4.029, 166.422 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(167, 176, 172) }
```

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

```
.border{ border-color:rgb(167, 176, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 176, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 176, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 176, 172);  
box-shadow:4px 4px 4px 4px rgb(167, 176,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 4.029, 166.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 176, 172) }
```

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

```
.background{ background-color: rgb(167,  
176, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor