

Converting Colors

CIELCh(71, 1.736, 323.395)

Have a look what the booklet for
CIELCh(71, 1.736, 323.395) contains.

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Color

CIELCh(71, 2.003, 324.417)

Conversions

Conversions Part 1

Format	Color
Hex	B0ADB0
RGB	176, 173, 176
RGB Percent	69%, 68%, 69%
CMY	0.3103, 0.3220, 0.3103
CMYK	0.00, 0.02, 0.00, 0.31
HSL	300°, 2%, 68%
HSV	300°, 2%, 69%
XYZ	40.6228, 42.1875, 47.0141
YIQ	174.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

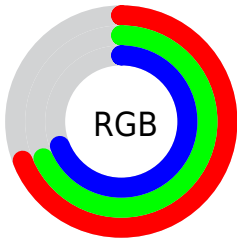
Format	Color
RYB	176, 173, 176
Decimal	11578800
CIELab	71.00, 1.63, -1.17
CIELCh	71, 2.003, 324.417
Yxy	42.1875, 0.3129, 0.3250
Android (android.graphics.Color)	4289768880 (0xFFB0ADB0)
YUV	174.2390, 0.8682, 1.5444
Hunter-Lab	64.9519, -2.0268, 2.5505

Details

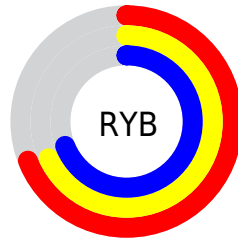
The CIELCh color $71, 2.003, 324.417$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 1.985, 144.466$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 2.536, 324.423$, and $51, 2.134, 324.484$ is the 20% darker color. If you saturate the color by 10%, you get $66, 13.801, 325.057$, and if you desaturate by 10%, it is $76, 9.601, 144.026$.

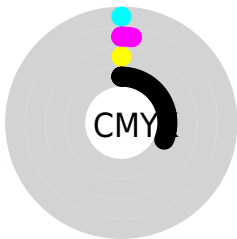
Distribution



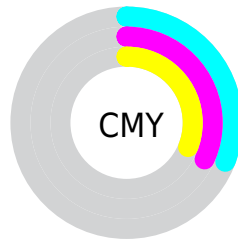
- Red (69%)
- Green (68%)
- Blue (69%)



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



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



- Cyan (31%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 2.003, 324.417 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, 2.003, 324.417 by changing the saturation by 10% instead.

■ 71, 2.003, 324.417

■ 71, 2.003, 324.417

100, 2.003,
324.417

■ 61, 2.003, 324.417

■ 91, 2.003, 324.417

■ 51, 2.003, 324.417

■ 41, 2.003, 324.417

■ 31, 2.003, 324.417

■ 21, 2.003, 324.417

■ 11, 2.003, 324.417

■ 1, 2.003, 324.417

■ 0, 2.003, 324.417

■ 71, 2.003, 324.417

■ 71, 2.003, 324.417

66, 13.801,
325.057

76, 9.601, 144.026

62, 25.668,
325.603

80, 20.925,
143.497

58, 37.407,
326.131

85, 31.927,
142.998

54, 48.742,
326.630

90, 42.586,
142.525

50, 59.314,
327.084

93, 49.522,
142.225

47, 68.694,
327.477

93, 49.522,
142.224

45, 76.438,
327.794

93, 49.522,
142.224

43, 82.182,
328.024

93, 49.522,
142.224

42, 85.751,

93, 49.522,
142.224

Harmonies

Complementary

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



71, 2.003, 324.417



71, 1.985, 144.466

Rectangle

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



71, 2.003, 324.417



71, 2.003, 14.417



71, 2.003, 144.417



71, 2.003, 194.417

Sweetspot

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



71, 2.001, 324.416



91, 1.461, 324.301



71, 1.616, 289.714



48, 0.830, 324.287



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, 2.001, 324.416



90, 2.916, 324.453



71, 1.420, 342.643



36, 1.314, 324.435



35, 77.962, 328.232



2, 13.857, 324.438

Inverse Universe

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



71, 1.129, 19.062



90, 1.648, 19.154



72, 1.405, 162.888



36, 0.742, 19.108



31, 69.982, 39.446



2, 7.802, 19.403

Previews

White Background



This preview shows how the CIE LCh color 71, 2.003, 324.417 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, 2.003, 324.417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

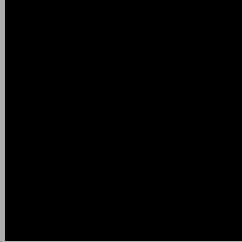
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

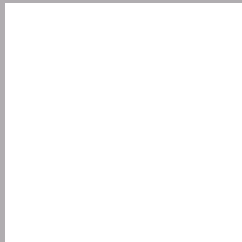
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 2.003, 324.417

Background



This preview shows how black text looks on a background with the CIELCh color 71, 2.003, 324.417.



This preview shows how white text looks on a background with the CIELCh color 71, 2.003, 324.417.

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, 2.003, 324.417

Protanopia

71, 2.003, 324.417

Deuteranopia

71, 9.357, 348.634



Tritanopia
71, 7.999, 306.884

Trichromacy



Original Color

71, 2.003, 324.417

Protanomaly

71, 2.003, 324.417

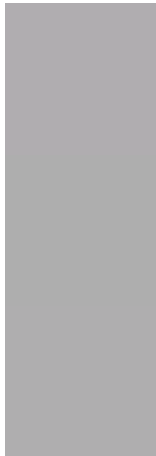
Deuteranomaly

71, 6.537, 344.217

Tritanomaly

71, 5.795, 309.288

Monochromacy



Original Color

71, 2.003, 324.417

Achromatopsia

71, 0.009, 296.813

Achromatomaly

71, 0.673, 324.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 2.003, 324.417 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(176, 173, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 173, 176)  
}
```

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(176, 173, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 173, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 2.003, 324.417 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(176, 173, 176) }
```

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

```
.border{ border-color:rgb(176, 173, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 173, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 173, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 173, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 173,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 2.003, 324.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 173, 176) }
```

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

```
.background{ background-color: rgb(176,  
173, 176) }
```

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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