

Converting Colors

CIELCh(71, 1.210, 317.563)

Have a look what the booklet for
CIELCh(71, 1.210, 317.563) contains.

CIELCh(71, 1.339, 324.330)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 1.339, 324.330)

Conversions

Conversions Part 1

Format	Color
Hex	AFADAF
RGB	175, 173, 175
RGB Percent	69%, 68%, 69%
CMY	0.3131, 0.3209, 0.3131
CMYK	0.00, 0.01, 0.00, 0.31
HSL	300°, 1%, 68%
HSV	300°, 1%, 69%
XYZ	40.4479, 42.1875, 46.6561
YIQ	173.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

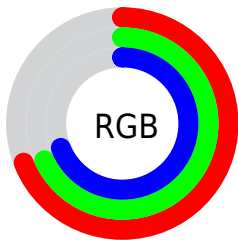
Format	Color
RYB	175, 173, 175
Decimal	11513263
CIELab	71.00, 1.09, -0.78
CIELCh	71, 1.339, 324.330
Yxy	42.1875, 0.3128, 0.3263
Android (android.graphics.Color)	4289703343 (0xFFAFADAF)
YUV	173.8260, 0.5788, 1.0296
Hunter-Lab	64.9519, -2.5074, 2.8773

Details

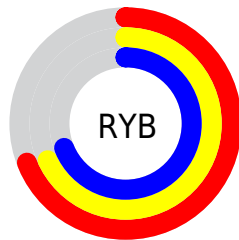
The CIELCh color **71, 1.339, 324.330** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 1.321, 144.557**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 1.274, 324.265**, and **51, 1.426, 324.401** is the 20% darker color. If you saturate the color by 10%, you get **66, 13.090, 325.026**, and if you desaturate by 10%, it is **76, 10.213, 143.996**.

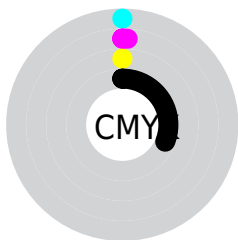
Distribution



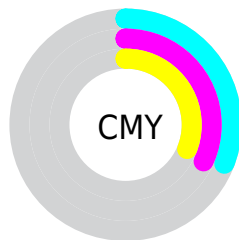
- Red (69%)
- Green (68%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 1.339, 324.330 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, 1.339, 324.330 by changing the saturation by 10% instead.

■ 71, 1.339, 324.330

■ 71, 1.339, 324.330

100, 1.339,
324.330

■ 61, 1.339, 324.330

■ 91, 1.339, 324.330

■ 51, 1.339, 324.330

■ 41, 1.339, 324.330

■ 31, 1.339, 324.330

■ 21, 1.339, 324.330

■ 11, 1.339, 324.330

■ 1, 1.339, 324.330

■ 0, 1.339, 324.330

■ 71, 1.339, 324.330

■ 71, 1.339, 324.330

66, 13.090,
325.026

76, 10.213,
143.996

62, 24.919,
325.573

80, 21.483,
143.469

58, 36.633,
326.102

85, 32.430,
142.972

54, 47.963,
326.603

90, 43.035,
142.501

50, 58.555,
327.060

93, 49.961,
142.200

47, 67.985,
327.457

93, 49.961,
142.200

45, 75.810,
327.778

93, 49.961,
142.200

43, 81.659,
328.013

93, 49.961,
142.200

42, 85.344,

93, 49.961,

328.159

142.200

Harmonies

Complementary

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



71, 1.339, 324.330



71, 1.321, 144.557

Rectangle

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



71, 1.339, 324.330



71, 1.339, 14.330



71, 1.339, 144.330



71, 1.339, 194.330

Sweetspot

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



71, 1.337, 324.329



90, 0.011, 296.813



71, 1.080, 289.679



48, 0.006, 296.813



96, 0.011, 296.813

Same Dimension

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



71, 1.337, 324.329



90, 1.448, 324.301



71, 0.949, 342.473



37, 0.659, 324.278



35, 77.962, 328.232



2, 13.857, 324.438

Inverse Universe

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



71, 0.752, 18.810



90, 0.814, 18.722



71, 0.936, 163.061



37, 0.370, 18.647



31, 69.982, 39.446



2, 7.802, 19.405

Previews

White Background



This preview shows how the CIE LCh color 71, 1.339, 324.330 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, 1.339, 324.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

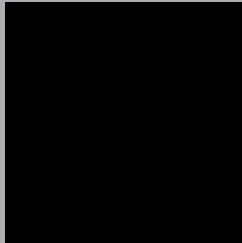
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

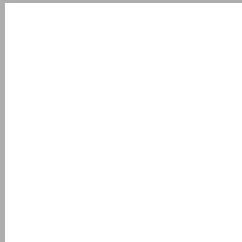
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 1.339, 324.330

Background



This preview shows how black text looks on a background with the CIELCh color 71, 1.339, 324.330.

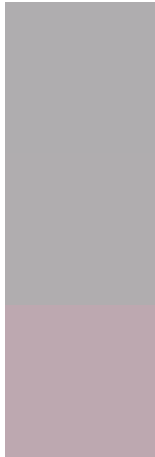


This preview shows how white text looks on a background with the CIELCh color 71, 1.339, 324.330.

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, 1.339, 324.330

Protanopia

71, 1.583, 335.582

Deuteranopia

71, 9.094, 351.578



Tritanopia
71, 7.365, 305.285

Trichromacy



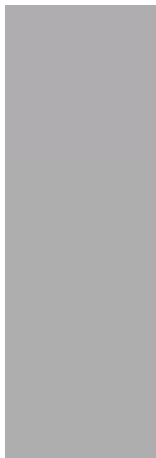
Original Color
71, 1.339, 324.330

Protanomaly
71, 1.583, 335.582

Deuteranomaly
71, 6.238, 348.288

Tritanomaly
71, 5.160, 307.315

Monochromacy



Original Color
71, 1.339, 324.330

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 0.009, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 1.339, 324.330 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, 173, 175)` looks like.

```
.text, #text, p{  
    color:rgb(175, 173, 175)  
}
```

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, 173, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 173, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 1.339, 324.330 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, 173, 175) }
```

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

```
.border{ border-color:rgb(175, 173, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 173, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 173, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 173, 175);  
box-shadow:4px 4px 4px 4px rgb(175, 173,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 1.339, 324.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 173, 175) }
```

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

```
.background{ background-color: rgb(175,  
173, 175) }
```

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