

Converting Colors

CIELCh(70, 3.582, 322.068)

Have a look what the booklet for
CIELCh(70, 3.582, 322.068) contains.

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Color

CIELCh(70, 3.340, 324.526)

Conversions

Conversions Part 1

Format	Color
Hex	AFAAAF
RGB	175, 170, 175
RGB Percent	69%, 67%, 69%
CMY	0.3153, 0.3349, 0.3153
CMYK	0.00, 0.03, 0.00, 0.32
HSL	300°, 3%, 67%
HSV	300°, 3%, 68%
XYZ	39.5900, 40.7494, 46.1321
YIQ	172.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

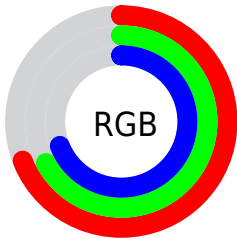
Format	Color
RYB	175, 170, 175
Decimal	11512495
CIELab	70.00, 2.72, -1.94
CIElCh	70, 3.340, 324.526
Yxy	40.7494, 0.3130, 0.3222
Android (android.graphics.Color)	4289702575 (0xFFAFAAAF)
YUV	172.0650, 1.4470, 2.5740
Hunter-Lab	63.8353, -1.0079, 1.8374

Details

The CIELCh color $70, 3.340, 324.526$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 3.322, 144.354$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 3.390, 329.450$, and $50, 3.563, 324.604$ is the 20% darker color. If you saturate the color by 10%, you get $65, 15.083, 325.120$, and if you desaturate by 10%, it is $75, 8.223, 144.091$.

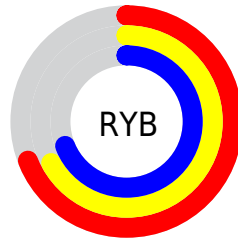
Distribution



Red (69%)

Green (67%)

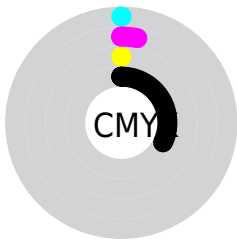
Blue (69%)



Red (69%)

Yellow (67%)

Blue (69%)

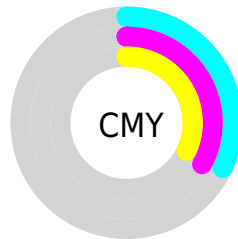


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 3.340, 324.526 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, 3.340, 324.526 by changing the saturation by 10% instead.

■ 70, 3.340, 324.526

■ 70, 3.340, 324.526

■ 100, 3.340,
324.526

■ 60, 3.340, 324.526

■ 90, 3.340, 324.526

■ 50, 3.340, 324.526

■ 40, 3.340, 324.526

■ 30, 3.340, 324.526

■ 20, 3.340, 324.526

■ 10, 3.340, 324.526

■ 0, 3.340, 324.526

■ 70, 3.340, 324.526

■ 70, 3.340, 324.526

■ 65, 15.083,

■ 75, 8.223, 144.091

325.120

79, 19.515,
143.557

61, 26.877,
325.665

84, 30.490,
143.055

57, 38.516,
326.190

89, 41.127,
142.580

53, 49.717,
326.684

93, 50.310,
142.179

50, 60.114,
327.132

93, 50.310,
142.179

47, 69.277,
327.516

93, 50.310,
142.179

45, 76.769,
327.824

93, 50.310,
142.179

43, 82.241,
328.044

93, 50.310,
142.178

42, 85.552,
328.175

Harmonies

Complementary

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



70, 3.340, 324.526



71, 3.322, 144.354

Rectangle

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



70, 3.340, 324.526



70, 3.340, 14.526



70, 3.340, 144.526



70, 3.340, 194.526

Sweetspot

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



70, 3.338, 324.526



90, 1.448, 324.301



70, 2.698, 289.812



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.



70, 3.338, 324.526



89, 4.333, 324.541



70, 2.370, 342.838



36, 2.628, 324.588



35, 77.962, 328.231



2, 13.856, 324.438

Inverse Universe

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



70, 1.892, 19.309



88, 2.458, 19.337



71, 2.351, 162.692



36, 1.495, 19.422



31, 69.981, 39.445



2, 7.802, 19.403

Previews

White Background



This preview shows how the CIELCh color 70, 3.340, 324.526 looks on a white background.

Color Contrast Check

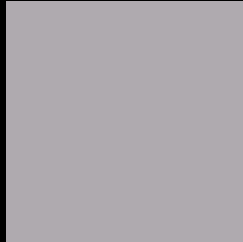
Large Text (above 18pt) WCAG AA × Fail

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 70, 3.340, 324.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

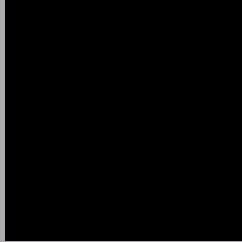
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

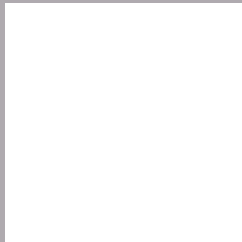
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 3.340, 324.526

Background



This preview shows how black text looks on a background with the CIELCh color 70, 3.340, 324.526.



This preview shows how white text looks on a background with the CIELCh color 70, 3.340, 324.526.

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, 3.340, 324.526

Protanopia

70, 2.979, 312.554

Deuteranopia

70, 9.055, 347.330



Tritanopia
70, 8.264, 311.829

Trichromacy



Original Color

70, 3.340, 324.526

Protanomaly

70, 3.142, 318.875

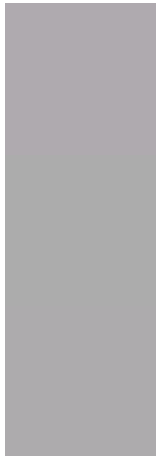
Deuteranomaly

70, 7.184, 342.503

Tritanomaly

70, 5.946, 312.688

Monochromacy



Original Color

70, 3.340, 324.526

Achromatopsia

70, 0.009, 296.813

Achromatomaly

70, 1.342, 324.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 3.340, 324.526 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, 170, 175)` looks like.

```
.text, #text, p{  
    color:rgb(175, 170, 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, 170, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 170, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 3.340, 324.526 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, 170, 175) }
```

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

```
.border{ border-color:rgb(175, 170, 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, 170, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 170, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 170, 175);  
box-shadow:4px 4px 4px 4px rgb(175, 170,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 3.340, 324.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 170, 175) }
```

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

```
.background{ background-color: rgb(175,  
170, 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](#).

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