

Converting Colors

CIELCh(70, 4.060, 314.855)

Have a look what the booklet for
CIELCh(70, 4.060, 314.855) contains.

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Color

CIELCh(70, 3.632, 314.764)

Conversions

Conversions Part 1

Format	Color
Hex	AEAAB0
RGB	174, 170, 176
RGB Percent	68%, 67%, 69%
CMY	0.3186, 0.3343, 0.3108
CMYK	0.01, 0.03, 0.00, 0.31
HSL	280°, 4%, 68%
HSV	280°, 3%, 69%
XYZ	39.5383, 40.7494, 46.7246
YIQ	171.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

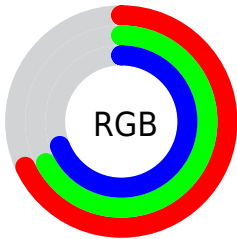
Format	Color
RYB	174, 170, 176
Decimal	11446960
CIELab	70.00, 2.56, -2.58
CIELCh	70, 3.632, 314.764
Yxy	40.7494, 0.3113, 0.3208
Android (android.graphics.Color)	4289637040 (0xFFFAEAAB0)
YUV	171.8800, 2.0312, 1.8592
Hunter-Lab	63.8353, -1.1523, 1.2870

Details

The CIELCh color $70, 3.632, 314.764$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 3.604, 134.569$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 3.929, 311.610$, and $50, 3.875, 314.828$ is the 20% darker color. If you saturate the color by 10%, you get $65, 14.416, 315.207$, and if you desaturate by 10%, it is $75, 6.895, 134.432$.

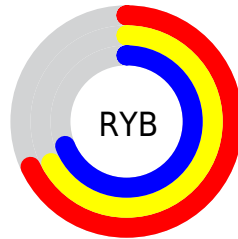
Distribution



Red (68%)

Green (67%)

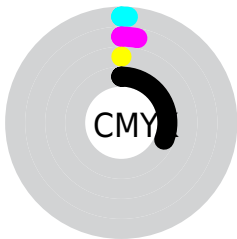
Blue (69%)



Red (68%)

Yellow (67%)

Blue (69%)

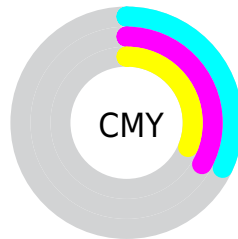


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (31%)



Cyan (32%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 3.632, 314.764 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, 3.632, 314.764 by changing the saturation by 10% instead.

■ 70, 3.632, 314.764

■ 70, 3.632, 314.764

■ 100, 3.632,
314.764

■ 60, 3.632, 314.764

■ 90, 3.632, 314.764

■ 50, 3.632, 314.764

■ 40, 3.632, 314.764

■ 30, 3.632, 314.764

■ 20, 3.632, 314.764

■ 10, 3.632, 314.764

■ 0, 3.632, 314.764

■ 70, 3.632, 314.764

■ 70, 3.632, 314.764

■ 65, 14.416,

■ 75, 6.895, 134.432

315.207

80, 17.132,
134.056

60, 25.408,
315.645

85, 27.073,
133.721

55, 36.507,
316.082

90, 36.720,
133.420

50, 47.550,
316.499

95, 44.554,
132.840

46, 58.275,
316.864

95, 43.621,
130.428

42, 68.304,
317.133

96, 42.765,
127.872

38, 77.128,
317.247

96, 41.995,
125.177

35, 84.164,
317.136

96, 41.322,
122.348

33, 88.906,
316.733

Harmonies

Complementary

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



70, 3.632, 314.764



71, 3.604, 134.569

Rectangle

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



70, 3.632, 314.764



70, 3.632, 4.764



70, 3.632, 134.764



70, 3.632, 184.764

Sweetspot

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



70, 3.630, 314.759



90, 1.325, 314.562



70, 2.264, 270.292



48, 0.753, 314.552



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, 3.630, 314.759



89, 5.290, 314.792



70, 3.608, 328.968



35, 2.982, 314.820



27, 81.215, 316.488



1, 12.252, 311.579

Inverse Universe

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



70, 2.528, 353.819



89, 3.686, 353.907



71, 3.592, 148.715



35, 2.079, 353.977



31, 58.072, 17.035



2, 8.429, 357.924

Previews

White Background



This preview shows how the CIE LCh color 70, 3.632, 314.764 looks on a white background.

Color Contrast Check

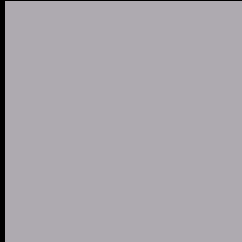
Large Text (above 18pt) WCAG AA × Fail

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, 3.632, 314.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

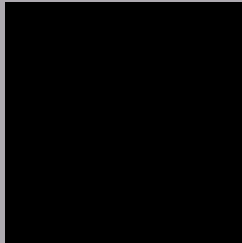
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

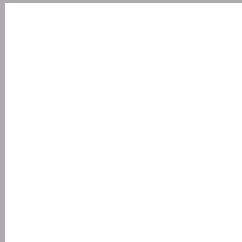
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 3.632, 314.764

Background



This preview shows how black text looks on a background with the CIELCh color 70, 3.632, 314.764.



This preview shows how white text looks on a background with the CIELCh color 70, 3.632, 314.764.

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, 3.632, 314.764

Protanopia

70, 3.491, 309.184

Deuteranopia

70, 9.383, 340.380



Tritanopia
70, 7.492, 308.026

Trichromacy



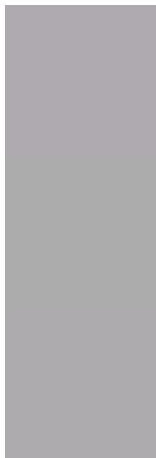
Original Color
70, 3.632, 314.764

Protanomaly
70, 3.491, 309.184

Deuteranomaly
70, 7.625, 334.187

Tritanomaly
70, 6.456, 310.878

Monochromacy



Original Color
70, 3.632, 314.764

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, 3.632, 314.764 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(174, 170, 176)` looks like.

```
.text, #text, p{  
    color:rgb(174, 170, 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(174, 170, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 170, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 3.632, 314.764 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(174, 170, 176) }
```

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

```
.border{ border-color:rgb(174, 170, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 170, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 170, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 170, 176);  
box-shadow:4px 4px 4px 4px rgb(174, 170,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 3.632, 314.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 170, 176) }
```

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

```
.background{ background-color: rgb(174,  
170, 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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