

Converting Colors

CIELCh(70, 6.962, 297.029)

Have a look what the booklet for
CIELCh(70, 6.962, 297.029) contains.

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Color

CIELCh(70, 6.630, 297.189)

Conversions

Conversions Part 1

Format	Color
Hex	ACAAB6
RGB	172, 170, 182
RGB Percent	67%, 67%, 71%
CMY	0.3266, 0.3344, 0.2874
CMYK	0.06, 0.07, 0.00, 0.29
HSL	250°, 8%, 69%
HSV	250°, 7%, 71%
XYZ	39.6885, 40.7494, 49.8767
YIQ	171.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

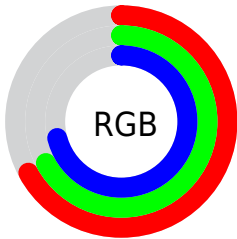
Format	Color
R _Y B	172, 170, 182
Decimal	11315894
CIE Lab	70.00, 3.03, -5.90
CIE LCh	70, 6.630, 297.189
Yxy	40.7494, 0.3046, 0.3127
Android (android.graphics.Color)	4289505974 (0xFFACAAB6)
YUV	171.9660, 4.9468, 0.0298
Hunter-Lab	63.8353, -0.7325, -1.6406

Details

The CIELCh color **70, 6.630, 297.189** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 6.524, 116.231**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 6.811, 296.623**, and **50, 6.500, 297.890** is the 20% darker color. If you saturate the color by 10%, you get **64, 16.983, 298.013**, and if you desaturate by 10%, it is **76, 3.336, 116.465**.

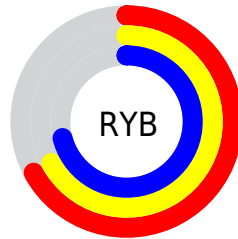
Distribution



Red (67%)

Green (67%)

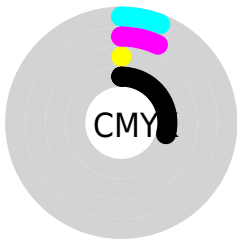
Blue (71%)



Red (67%)

Yellow (67%)

Blue (71%)

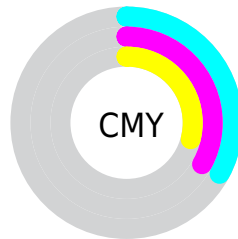


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 6.630, 297.189 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, 6.630, 297.189 by changing the saturation by 10% instead.

■ 70, 6.630, 297.189

■ 70, 6.630, 297.189

■ 100, 6.630,
297.189

■ 60, 6.630, 297.189

■ 90, 6.630, 297.189

■ 50, 6.630, 297.189

■ 40, 6.630, 297.189

■ 30, 6.630, 297.189

■ 20, 6.630, 297.189

■ 10, 6.630, 297.189

■ 0, 6.630, 297.189

■ 70, 6.630, 297.189

■ 70, 6.630, 297.189

■ 64, 16.983,

■ 76, 3.336, 116.465

298.013

82, 12.933,
115.850

58, 27.745,
298.972

88, 22.188,
115.320

52, 38.920,
300.069

94, 31.121,
114.866

46, 50.471,
301.302

98, 36.933,
111.866

40, 62.280,
302.646

98, 36.801,
107.372

35, 74.046,
304.035

30, 85.139,
305.337

26, 94.473,
306.343

23, 100.785,
306.844

Harmonies

Complementary

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



70, 6.630, 297.189



73, 6.524, 116.231

Rectangle

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



70, 6.630, 297.189



70, 6.630, 347.189



70, 6.630, 117.189



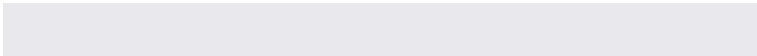
70, 6.630, 167.189

Sweetspot

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



70, 6.628, 297.182



92, 2.480, 296.842



73, 3.843, 214.003



50, 1.421, 296.834



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 6.628, 297.182



88, 10.001, 297.302



70, 7.207, 314.377



36, 5.765, 297.398



18, 91.358, 307.078



1, 15.457, 295.105

Inverse Universe

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



71, 7.102, 329.738



89, 10.699, 329.838



73, 7.152, 133.880



36, 6.158, 329.915



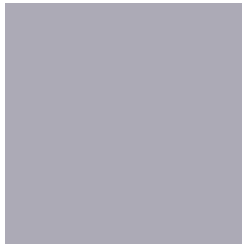
35, 70.276, 336.059



3, 15.894, 332.185

Previews

White Background



This preview shows how the CIE LCh color 70, 6.630, 297.189 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, 6.630, 297.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

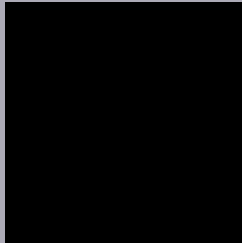
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

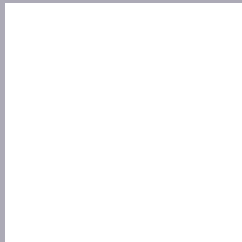
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 6.630, 297.189

Background



This preview shows how black text looks on a background with the CIELCh color 70, 6.630, 297.189.

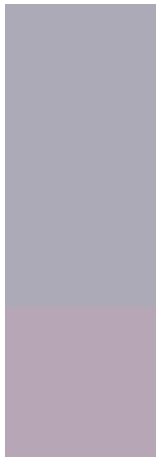


This preview shows how white text looks on a background with the CIELCh color 70, 6.630, 297.189.

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, 6.630, 297.189

Protanopia

70, 6.594, 294.024

Deuteranopia

70, 10.643, 324.895



Tritanopia
70, 7.174, 296.745

Trichromacy



Original Color
70, 6.630, 297.189

Protanomaly
70, 6.594, 294.024

Deuteranomaly
70, 9.224, 317.104

Tritanomaly
70, 7.174, 296.745

Monochromacy



Original Color
70, 6.630, 297.189

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.773, 298.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 6.630, 297.189 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(172, 170, 182)` looks like.

```
.text, #text, p{  
    color:rgb(172, 170, 182)  
}
```

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(172, 170, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 170, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 6.630, 297.189 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(172, 170, 182) }
```

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

```
.border{ border-color:rgb(172, 170, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 170, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 170, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 170, 182);  
box-shadow:4px 4px 4px 4px rgb(172, 170,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 6.630, 297.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 170, 182) }
```

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

```
.background{ background-color: rgb(172,  
170, 182) }
```

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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