

Converting Colors

CIELCh(70, 6.743, 105.721)

Have a look what the booklet for
CIELCh(70, 6.743, 105.721) contains.

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Color

CIELCh(70, 7.091, 106.328)

Conversions

Conversions Part 1

Format	Color
Hex	ADAC9F
RGB	173, 172, 159
RGB Percent	68%, 67%, 62%
CMY	0.3226, 0.3265, 0.3775
CMYK	0.00, 0.01, 0.08, 0.32
HSL	56°, 8%, 65%
HSV	56°, 8%, 68%
XYZ	38.1096, 40.7494, 38.5364
YIQ	170.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

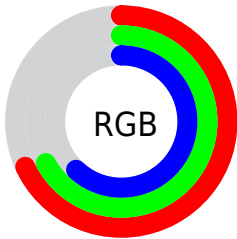
Format	Color
RYB	160, 173, 159
Decimal	11381919
CIELab	70.00, -1.99, 6.81
CIELCh	70, 7.091, 106.328
Yxy	40.7494, 0.3246, 0.3471
Android (android.graphics.Color)	4289571999 (0xFFADAC9F)
YUV	170.8170, -5.8258, 1.9145
Hunter-Lab	63.8353, -5.1474, 8.8922

Details

The CIELCh color **70, 7.091, 106.328** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 7.211, 288.026**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 6.732, 106.510**, and **50, 6.990, 105.839** is the 20% darker color. If you saturate the color by 10%, you get **69, 15.843, 105.328**, and if you desaturate by 10%, it is **71, 1.671, 287.398**.

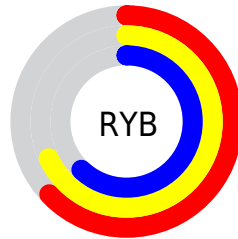
Distribution



Red (68%)

Green (67%)

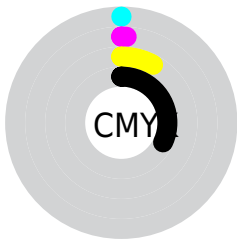
Blue (62%)



Red (63%)

Yellow (68%)

Blue (62%)

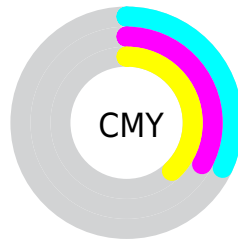


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 7.091, 106.328 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, 7.091, 106.328 by changing the saturation by 10% instead.

■ 70, 7.091, 106.328

■ 70, 7.091, 106.328

■ 100, 7.091,
106.328

■ 60, 7.091, 106.328

■ 90, 7.091, 106.328

■ 50, 7.091, 106.328

■ 40, 7.091, 106.328

■ 30, 7.091, 106.328

■ 20, 7.091, 106.328

■ 10, 7.091, 106.328

■ 0, 7.091, 106.328

■ 70, 7.091, 106.328

■ 70, 7.091, 106.328

■ 69, 15.843,

■ 71, 1.671, 287.398

105.328

72, 10.417,
288.323

69, 24.530,
104.300

72, 19.126,
289.252

68, 33.074,
103.274

73, 27.786,
290.143

67, 41.348,
102.266

74, 36.387,
290.992

67, 49.148,
101.296

75, 40.991,
291.186

66, 56.168,
100.389

75, 40.299,
290.529

66, 61.983, 99.569

76, 39.611,
289.851

66, 66.112, 98.855

65, 68.396, 98.243

76, 38.930,
289.151

Harmonies

Complementary

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



70, 7.091, 106.328



66, 7.211, 288.026

Rectangle

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



70, 7.091, 106.328



70, 7.091, 156.328



70, 7.091, 286.328



70, 7.091, 336.328

Sweetspot

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



70, 7.093, 106.339



89, 2.158, 106.912



67, 5.449, 13.059



47, 1.225, 106.920



95, 0.011, 296.813



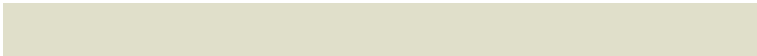
47, 0.006, 296.813

Same Dimension

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



70, 7.093, 106.339



88, 10.832, 106.132



70, 7.975, 125.734



36, 4.972, 106.219



57, 62.158, 98.186



7, 10.200, 105.669

Inverse Universe

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



66, 7.211, 288.026



82, 11.051, 288.261



66, 8.087, 306.487



34, 5.065, 288.161



18, 86.787, 305.196



1, 10.692, 287.751

Previews

White Background



This preview shows how the CIELCh color 70, 7.091, 106.328 looks on a white background.

Color Contrast Check

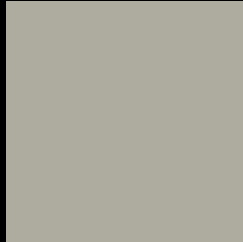
Large Text (above 18pt) WCAG AA × Fail

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, 7.091, 106.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

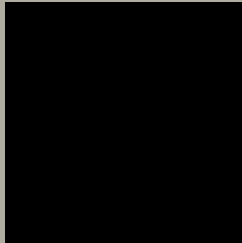
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

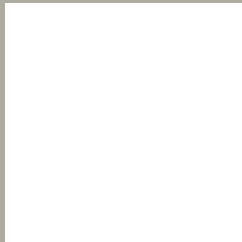
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 7.091, 106.328

Background



This preview shows how black text looks on a background with the CIELCh color 70, 7.091, 106.328.



This preview shows how white text looks on a background with the CIELCh color 70, 7.091, 106.328.

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, 7.091, 106.328

Protanopia

70, 7.080, 86.849

Deuteranopia

70, 10.974, 34.576



Tritanopia
70, 8.264, 311.829

Trichromacy



Original Color
70, 7.091, 106.328

Protanomaly
70, 7.247, 97.063

Deuteranomaly
70, 8.008, 48.289

Tritanomaly
70, 3.571, 329.519

Monochromacy



Original Color
70, 7.091, 106.328

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.206, 100.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 7.091, 106.328 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(173, 172, 159)` looks like.

```
.text, #text, p{  
    color:rgb(173, 172, 159)  
}
```

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(173, 172, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 172, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 7.091, 106.328 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(173, 172, 159) }
```

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

```
.border{ border-color:rgb(173, 172, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 172, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 172, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 172, 159);  
box-shadow:4px 4px 4px 4px rgb(173, 172,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 7.091, 106.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 172, 159) }
```

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

```
.background{ background-color: rgb(173,  
172, 159) }
```

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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