

Converting Colors

CIELCh(71, 4.746, 126.466)

Have a look what the booklet for
CIELCh(71, 4.746, 126.466) contains.

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Color

CIELCh(71, 4.622, 128.896)

Conversions

Conversions Part 1

Format	Color
Hex	ABAFA7
RGB	171, 175, 167
RGB Percent	67%, 69%, 65%
CMY	0.3288, 0.3131, 0.3445
CMYK	0.02, 0.00, 0.05, 0.31
HSL	90°, 5%, 67%
HSV	90°, 5%, 69%
XYZ	39.1742, 42.1875, 42.7088
YIQ	172.8920, 0.1840, -3.3360

Conversions

Conversions Part 2

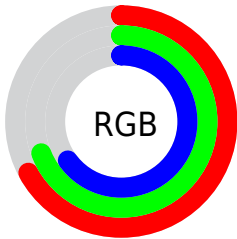
Format	Color
RYB	167, 175, 171
Decimal	11251623
CIELab	71.00, -2.90, 3.60
CIELCh	71, 4.622, 128.896
Yxy	42.1875, 0.3157, 0.3400
Android (android.graphics.Color)	4289441703 (0xFFABAFA7)
YUV	172.8920, -2.9048, -1.6593
Hunter-Lab	64.9519, -6.0079, 6.4804

Details

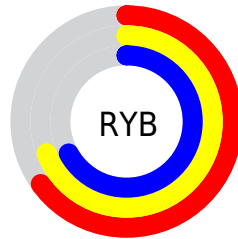
The CIELCh color $71, 4.622, 128.896$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 4.667, 309.250$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 4.999, 130.853$, and $51, 4.934, 128.814$ is the 20% darker color. If you saturate the color by 10%, you get $70, 14.785, 128.438$, and if you desaturate by 10%, it is $72, 5.495, 309.279$.

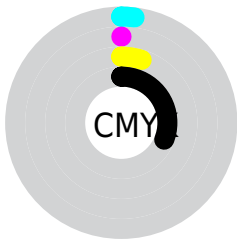
Distribution



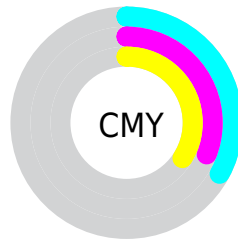
- Red (67%)
- Green (69%)
- Blue (65%)



- Red (65%)
- Yellow (69%)
- Blue (67%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 4.622, 128.896 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, 4.622, 128.896 by changing the saturation by 10% instead.

■ 71, 4.622, 128.896

■ 71, 4.622, 128.896

■ 100, 4.622,
128.896

■ 61, 4.622, 128.896

■ 91, 4.622, 128.896

■ 51, 4.622, 128.896

■ 41, 4.622, 128.896

■ 31, 4.622, 128.896

■ 21, 4.622, 128.896

■ 11, 4.622, 128.896

■ 1, 4.622, 128.896

■ 0, 4.622, 128.896

■ 71, 4.622, 128.896

■ 71, 4.622, 128.896

70, 14.785,
128.438

72, 5.495, 309.279

69, 24.923,
127.962

73, 15.527,
309.675

68, 34.945,
127.481

75, 25.436,
310.025

67, 44.720,
127.020

76, 35.201,
310.339

66, 54.056,
126.624

77, 44.806,
310.620

66, 62.682,
126.364

78, 45.763,
314.150

65, 70.231,
126.339

79, 46.743,
317.654

65, 76.273,
126.673

80, 47.877,
321.056

64, 80.468,

81, 49.158,
324.337

127.471

Harmonies

Complementary

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



71, 4.622, 128.896



69, 4.667, 309.250

Rectangle

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



71, 4.622, 128.896



71, 4.622, 178.896



71, 4.622, 308.896



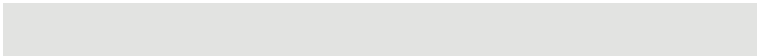
71, 4.622, 358.896

Sweetspot

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



71, 4.624, 128.903



90, 1.240, 129.138



70, 2.647, 74.749



48, 0.710, 129.146



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 4.624, 128.903



90, 6.248, 128.879



71, 5.333, 144.231



36, 3.411, 128.855



56, 73.409, 127.787



6, 12.301, 132.158

Inverse Universe

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



69, 4.667, 309.250



87, 6.307, 309.275



69, 5.349, 324.645



35, 3.445, 309.299



23, 84.032, 312.084



1, 11.831, 305.867

Previews

White Background



This preview shows how the CIELCh color 71, 4.622, 128.896 looks on a white background.

Color Contrast Check

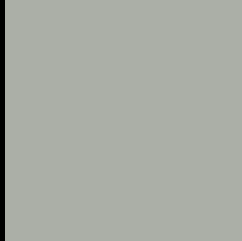
Large Text (above 18pt) WCAG AA × Fail

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, 4.622, 128.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

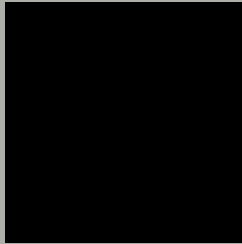
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

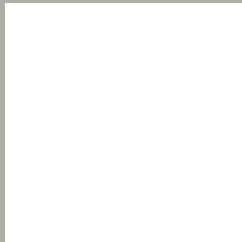
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 4.622, 128.896

Background



This preview shows how black text looks on a background with the CIELCh color 71, 4.622, 128.896.



This preview shows how white text looks on a background with the CIELCh color 71, 4.622, 128.896.

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, 4.622, 128.896

Protanopia

71, 4.433, 78.503

Deuteranopia

71, 9.273, 16.824



Tritanopia
71, 7.702, 296.364

Trichromacy



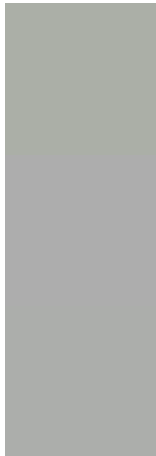
Original Color
71, 4.622, 128.896

Protanomaly
71, 4.408, 99.741

Deuteranomaly
71, 5.242, 37.827

Tritanomaly
71, 3.283, 290.520

Monochromacy



Original Color
71, 4.622, 128.896

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.801, 134.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 4.622, 128.896 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(171, 175, 167)` looks like.

```
.text, #text, p{  
    color:rgb(171, 175, 167)  
}
```

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(171, 175, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 175, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 4.622, 128.896 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(171, 175, 167) }
```

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

```
.border{ border-color:rgb(171, 175, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 175, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 175, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 175, 167);  
box-shadow:4px 4px 4px 4px rgb(171, 175,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 4.622, 128.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 175, 167) }
```

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

```
.background{ background-color: rgb(171,  
175, 167) }
```

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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