

Converting Colors

CIELCh(71, 28.807, 109.734)

Have a look what the booklet for
CIELCh(71, 28.807, 109.734)
contains.

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Color

CIELCh(71, 29.023, 109.725)

Conversions

Conversions Part 1

Format	Color
Hex	AFB27C
RGB	175, 178, 124
RGB Percent	69%, 70%, 49%
CMY	0.3154, 0.3036, 0.5153
CMYK	0.02, 0.00, 0.30, 0.30
HSL	63°, 26%, 59%
HSV	63°, 30%, 70%
XYZ	37.0371, 42.1875, 25.1299
YIQ	170.9470, 15.5460, -17.4300

Conversions

Conversions Part 2

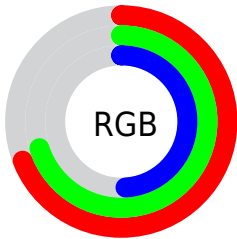
Format	Color
RYB	124, 178, 127
Decimal	11514492
CIELab	71.00, -9.80, 27.32
CIELCh	71, 29.023, 109.725
Yxy	42.1875, 0.3549, 0.4043
Android (android.graphics.Color)	4289704572 (0xFFAFB27C)
YUV	170.9470, -23.1449, 3.5545
Hunter-Lab	64.9519, -11.8809, 22.5270

Details

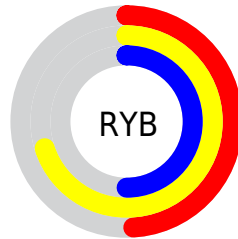
The CIELCh color **71, 29.023, 109.725** is a light color, and the websafe version is hex **999966**. A complement of this color would be **54, 31.212, 295.697**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 29.205, 110.081**, and **51, 29.003, 109.088** is the 20% darker color. If you saturate the color by 10%, you get **71, 38.223, 108.881**, and if you desaturate by 10%, it is **71, 19.586, 110.599**.

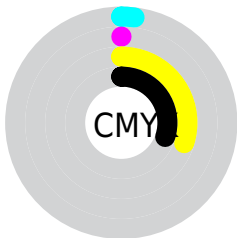
Distribution



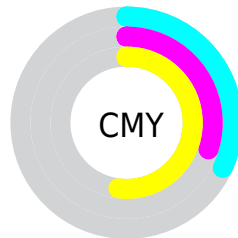
- Red (69%)
- Green (70%)
- Blue (49%)



- Red (49%)
- Yellow (70%)
- Blue (50%)



- Cyan (2%)
- Magenta (0%)
- Yellow (30%)
- Black (30%)





- Cyan (32%)
- Magenta (30%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 29.023, 109.725 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, 29.023, 109.725 by changing the saturation by 10% instead.


 71, 29.023,
109.725


 71, 29.023,
109.725


 100, 29.023,
109.725


 61, 29.023,
109.725


 91, 29.023,
109.725

 51, 29.023,
109.725

 41, 29.023,
109.725

 31, 29.023,
109.725

 21, 29.023,
109.725

 11, 29.023,
109.725

 1, 29.023, 109.725

■ 0, 29.023, 109.725

■ 71, 29.023,
109.725

■ 71, 29.023,
109.725

■ 71, 38.223,
108.881

■ 71, 19.586,
110.599

■ 70, 47.017,
108.083

■ 72, 10.012,
111.471

■ 70, 55.163,
107.371

■ 72, 0.374, 112.232

■ 70, 62.311,
106.790

■ 73, 9.283, 293.183

■ 70, 68.027,
106.395

■ 74, 18.926,
293.991

■ 70, 71.896,
106.235

■ 74, 28.533,
294.767

■ 75, 38.087,

■ 69, 74.048,
106.278

295.504

■ 75, 41.884,
296.038

■ 75, 41.898,
296.457

Harmonies

Complementary

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



71, 29.023, 109.725



54, 31.212, 295.697

Rectangle

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



71, 29.023, 109.725



71, 29.023, 159.725



71, 29.023, 289.725



71, 29.023, 339.725

Sweetspot

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



71, 29.024, 109.728



91, 10.774, 111.578



58, 21.650, 25.699



49, 7.546, 111.453



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 29.024, 109.728



90, 42.503, 109.196



69, 31.541, 129.425



38, 5.477, 111.564



61, 66.339, 106.239



8, 13.339, 113.453

Inverse Universe

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



54, 31.212, 295.697



65, 46.542, 296.591



56, 32.731, 312.177



35, 5.597, 293.232



17, 91.082, 306.494



1, 13.328, 291.872

Previews

White Background



This preview shows how the CIELCh color 71, 29.023, 109.725 looks on a white background.

Color Contrast Check

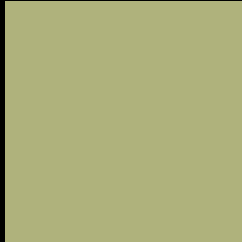
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 71, 29.023, 109.725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

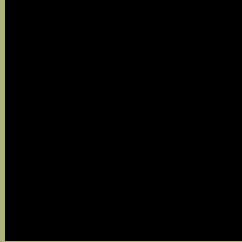
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 29.023, 109.725

Background



This preview shows how black text looks on a background with the CIELCh color 71, 29.023, 109.725.



This preview shows how white text looks on a background with the CIELCh color 71, 29.023, 109.725.

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, 29.023, 109.725

Protanopia

71, 28.589, 96.354

Deuteranopia

71, 27.855, 70.585



Tritanopia
71, 8.426, 322.682

Trichromacy



Original Color
71, 29.023, 109.725

Protanomaly
71, 28.170, 101.407

Deuteranomaly
71, 26.684, 84.497

Tritanomaly
71, 6.917, 89.861

Monochromacy



Original Color
71, 29.023, 109.725

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.351, 111.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 29.023, 109.725 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, 178, 124)` looks like.

```
.text, #text, p{  
    color:rgb(175, 178, 124)  
}
```

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, 178, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 178, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 29.023, 109.725 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, 178, 124) }
```

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

```
.border{ border-color:rgb(175, 178, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 178, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 178, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 178, 124);  
box-shadow:4px 4px 4px 4px rgb(175, 178,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 29.023, 109.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 178, 124) }
```

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

```
.background{ background-color: rgb(175,  
178, 124) }
```

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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