

Converting Colors

CIELCh(71, 27.616, 305.618)

Have a look what the booklet for
CIELCh(71, 27.616, 305.618)
contains.

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Color

CIELCh(71, 27.616, 305.618)

Conversions

Conversions Part 1

Format	Color
Hex	B8A6D7
RGB	184, 166, 215
RGB Percent	72%, 65%, 84%
CMY	0.2798, 0.3503, 0.1582
CMYK	0.14, 0.23, 0.00, 0.16
HSL	262°, 38%, 75%
HSV	262°, 23%, 84%
XYZ	45.4815, 42.1875, 69.8001
YIQ	176.9680, -5.0010, 19.0550

Conversions

Conversions Part 2

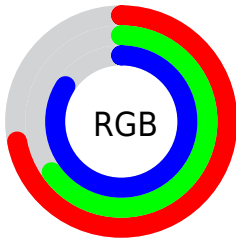
Format	Color
RYB	184, 166, 215
Decimal	12101335
CIELab	71.00, 16.08, -22.45
CIELCh	71, 27.616, 305.618
Yxy	42.1875, 0.2888, 0.2679
Android (android.graphics.Color)	4290291415 (0xFFB8A6D7)
YUV	176.9680, 18.7498, 6.1671
Hunter-Lab	64.9519, 11.3259, -18.2493

Details

The CIELCh color $71, 27.616, 305.618$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $83, 26.520, 123.109$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 18.927, 311.672$, and $51, 27.559, 305.318$ is the 20% darker color. If you saturate the color by 10%, you get $65, 40.337, 306.303$, and if you desaturate by 10%, it is $78, 15.261, 304.995$.

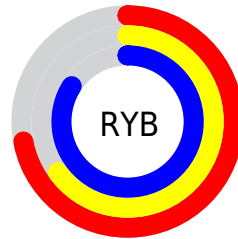
Distribution



Red (72%)

Green (65%)

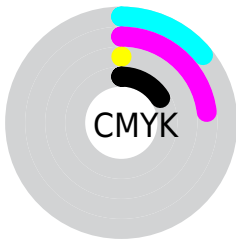
Blue (84%)



Red (72%)

Yellow (65%)

Blue (84%)

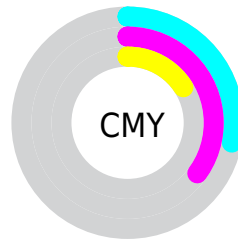


Cyan (14%)

Magenta (23%)

Yellow (0%)

Black (16%)



Cyan (28%)


Magenta (35%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 27.616, 305.618 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, 27.616, 305.618 by changing the saturation by 10% instead.


 71, 27.616,
305.618

 71, 27.616,
305.618


 100, 27.616,
305.618


 61, 27.616,
305.618


 91, 27.616,
305.618

 51, 27.616,
305.618

 41, 27.616,
305.618

 31, 27.616,
305.618

 21, 27.616,
305.618

 11, 27.616,
305.618

 1, 27.616, 305.618

0, 27.616, 305.618

71, 27.616,
305.618

71, 27.616,
305.618

65, 40.337,
306.303

78, 15.261,
304.995

58, 53.348,
307.040

84, 3.307, 304.425

52, 66.471,
307.802

91, 8.245, 123.971

97, 19.407,
123.542

46, 79.366,
308.534

99, 20.444,
112.190

41, 91.433,
309.148

99, 20.392,
108.634

36, 101.748,
309.511

■ 33,109.192,
309.463

■ 31,112.768,
309.208

Harmonies

Complementary

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



71, 27.616, 305.618



83, 26.520, 123.109

Rectangle

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



71, 27.616, 305.618



71, 27.616, 355.618



71, 27.616, 125.618



71, 27.616, 175.618

Sweetspot

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



71, 27.614, 305.617



95, 9.495, 304.665



78, 13.993, 242.525



50, 6.176, 304.699



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 27.614, 305.617



80, 37.841, 305.915



73, 30.589, 321.831



42, 6.708, 304.798



24, 94.947, 309.368



3, 28.295, 303.633

Inverse Universe

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



73, 24.633, 338.879



83, 33.553, 339.262



82, 30.380, 139.522



42, 6.062, 337.791



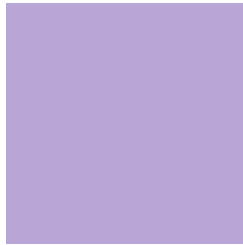
37, 65.832, 349.966



5, 25.296, 345.182

Previews

White Background



This preview shows how the CIELCh color 71, 27.616, 305.618 looks on a white background.

Color Contrast Check

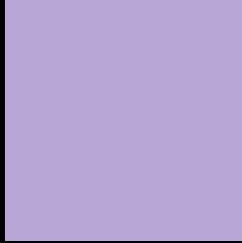
Large Text (above 18pt) WCAG AA × Fail

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, 27.616, 305.618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

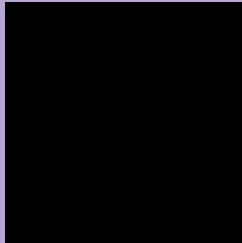
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 27.616, 305.618

Background



This preview shows how black text looks on a background with the CIELCh color 71, 27.616, 305.618.




This preview shows how white text looks on a background with the CIELCh color 71, 27.616, 305.618.

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





Tritanopia
71, 8.238, 311.823

Trichromacy



Original Color
71, 27.616, 305.618

Protanomaly
71, 25.699, 292.661

Deuteranomaly
71, 25.381, 298.751

Tritanomaly
71, 15.448, 307.765

Monochromacy



Original Color
71, 27.616, 305.618

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 10.094, 303.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 27.616, 305.618 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(184, 166, 215)` looks like.

```
.text, #text, p{  
    color:rgb(184, 166, 215)  
}
```

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(184, 166, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 166, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 27.616, 305.618 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(184, 166, 215) }
```

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

```
.border{ border-color:rgb(184, 166, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 166, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 166, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 166, 215);  
box-shadow:4px 4px 4px 4px rgb(184, 166,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 27.616, 305.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 166, 215) }
```

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

```
.background{ background-color: rgb(184,  
166, 215) }
```

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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