

Converting Colors

CIELCh(71, 32.431, 287.444)

Have a look what the booklet for
CIELCh(71, 32.431, 287.444)
contains.

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Color

CIELCh(71, 32.305, 287.073)

Conversions

Conversions Part 1

Format	Color
Hex	A0ABE6
RGB	160, 171, 230
RGB Percent	63%, 67%, 90%
CMY	0.3735, 0.3303, 0.0990
CMYK	0.30, 0.26, 0.00, 0.10
HSL	231°, 58%, 76%
HSV	231°, 30%, 90%
XYZ	43.2180, 42.1875, 80.5474
YIQ	174.4370, -25.4950, 16.0170

Conversions

Conversions Part 2

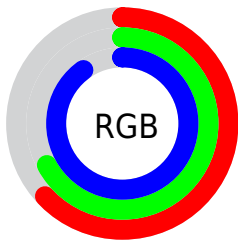
Format	Color
RYB	160, 170, 230
Decimal	10529766
CIELab	71.00, 9.48, -30.88
CIELCh	71, 32.305, 287.073
Yxy	42.1875, 0.2604, 0.2542
Android (android.graphics.Color)	4288719846 (0xFFA0ABE6)
YUV	174.4370, 27.3926, -12.6612
Hunter-Lab	64.9519, 5.1053, -28.0597

Details

The CIELCh color `71, 32.305, 287.073` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `87, 30.845, 99.417`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 15.367, 278.832`, and `51, 32.160, 286.752` is the 20% darker color. If you saturate the color by 10%, you get `64, 43.676, 288.956`, and if you desaturate by 10%, it is `78, 21.335, 285.463`.

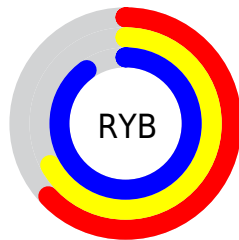
Distribution



Red (63%)

Green (67%)

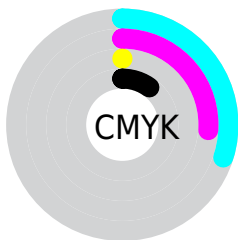
Blue (90%)



Red (63%)

Yellow (67%)

Blue (90%)

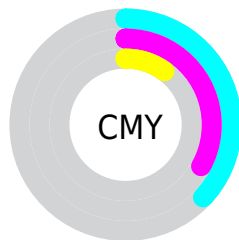


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (10%)



Cyan (37%)


Magenta (33%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 32.305, 287.073 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, 32.305, 287.073 by changing the saturation by 10% instead.


 71, 32.305,
287.073


 71, 32.305,
287.073


 100, 32.305,
287.073


 61, 32.305,
287.073


 91, 32.305,
287.073

 51, 32.305,
287.073

 41, 32.305,
287.073

 31, 32.305,
287.073

 21, 32.305,
287.073

 11, 32.305,
287.073

 1, 32.305, 287.073

0, 32.305, 287.073

71, 32.305,
287.073

71, 32.305,
287.073

64, 43.676,
288.956

78, 21.335,
285.463

58, 55.482,
291.140

84, 10.736,
284.094

51, 67.722,
293.623

91, 0.477, 283.217

45, 80.298,
296.351

97, 9.467, 101.880

40, 92.866,
299.183

99, 12.776,
109.212

35, 104.644,
301.874

■ 32,114.001,
303.995

Harmonies

Complementary

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



71, 32.305, 287.073



87, 30.845, 99.417

Rectangle

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



71, 32.305, 287.073



71, 32.305, 337.073



71, 32.305, 107.073



71, 32.305, 157.073

Sweetspot

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



71, 32.304, 287.072



94, 10.029, 283.919



86, 24.279, 183.102



49, 6.984, 284.101



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, 32.304, 287.072



73, 43.209, 288.312



70, 39.287, 305.008



45, 5.814, 283.969



24, 93.247, 303.641



4, 30.027, 293.470

Inverse Universe

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



73, 27.924, 9.926



76, 37.475, 10.996



88, 37.043, 121.358



45, 4.912, 7.356



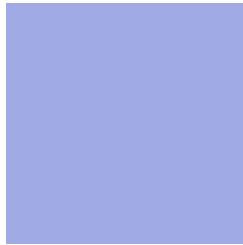
37, 73.051, 32.337



7, 26.716, 15.215

Previews

White Background



This preview shows how the CIELCh color 71, 32.305, 287.073 looks on a white background.

Color Contrast Check

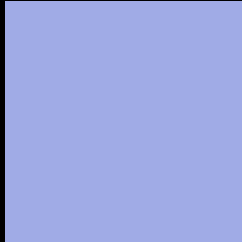
Large Text (above 18pt) WCAG AA × Fail

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, 32.305, 287.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

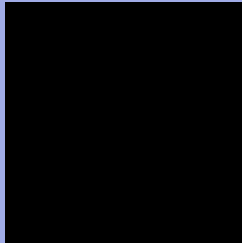
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 32.305, 287.073

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.305, 287.073.



This preview shows how white text looks on a background with the CIELCh color 71, 32.305, 287.073.

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

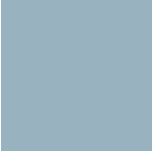
71, 32.305, 287.073

Protanopia

71, 32.393, 285.448

Deuteranopia

71, 32.305, 287.073



Tritanopia
71, 11.653, 240.038

Trichromacy



Original Color
71, 32.305, 287.073

Protanomaly
71, 32.361, 285.987

Deuteranomaly
71, 32.305, 287.073

Tritanomaly
71, 18.011, 269.879

Monochromacy



Original Color
71, 32.305, 287.073

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 11.531, 284.240

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.305, 287.073 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(160, 171, 230)` looks like.

```
.text, #text, p{  
    color:rgb(160, 171, 230)  
}
```

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(160, 171, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 171, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.305, 287.073 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(160, 171, 230) }
```

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

```
.border{ border-color:rgb(160, 171, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 171, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 171, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 171, 230);  
box-shadow:4px 4px 4px 4px rgb(160, 171,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.305, 287.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 171, 230) }
```

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

```
.background{ background-color: rgb(160,  
171, 230) }
```

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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