

Converting Colors

CIELCh(71, 32.963, 285.671)

Have a look what the booklet for
CIELCh(71, 32.963, 285.671)
contains.

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Color

CIELCh(71, 32.929, 285.647)

Conversions

Conversions Part 1

Format	Color
Hex	9DABE7
RGB	157, 171, 231
RGB Percent	62%, 67%, 91%
CMY	0.3834, 0.3285, 0.0932
CMYK	0.32, 0.26, 0.00, 0.09
HSL	229°, 61%, 76%
HSV	229°, 32%, 91%
XYZ	43.0149, 42.1875, 81.6577
YIQ	173.6540, -27.6040, 15.6920

Conversions

Conversions Part 2

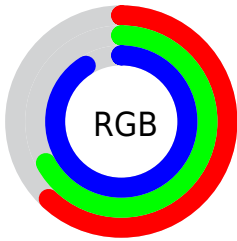
Format	Color
RYB	157, 169, 231
Decimal	10333159
CIELab	71.00, 8.88, -31.71
CIELCh	71, 32.929, 285.647
Yxy	42.1875, 0.2578, 0.2528
Android (android.graphics.Color)	4288523239 (0xFF9DABE7)
YUV	173.6540, 28.2716, -14.6056
Hunter-Lab	64.9519, 4.5472, -29.0732

Details

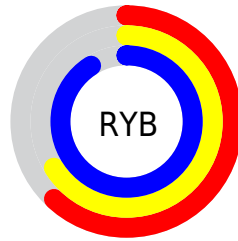
The CIELCh color `71, 32.929, 285.647` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `87, 31.602, 97.320`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 15.587, 275.268`, and `51, 32.827, 285.418` is the 20% darker color. If you saturate the color by 10%, you get `65, 43.940, 287.619`, and if you desaturate by 10%, it is `77, 22.284, 283.959`.

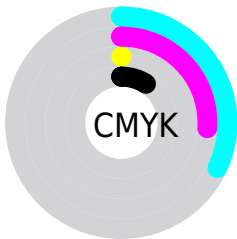
Distribution



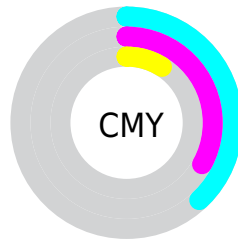
- Red (62%)
- Green (67%)
- Blue (91%)



- Red (62%)
- Yellow (66%)
- Blue (91%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)
- Black (9%)



- Cyan (38%)
- Magenta (33%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 32.929, 285.647 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, 32.929, 285.647 by changing the saturation by 10% instead.

■ 71, 32.929,
285.647

■ 71, 32.929,
285.647

■ 100, 32.929,
285.647

■ 61, 32.929,
285.647

■ 91, 32.929,
285.647

■ 51, 32.929,
285.647

■ 41, 32.929,
285.647

■ 31, 32.929,
285.647

■ 21, 32.929,
285.647

■ 11, 32.929,
285.647

■ 1, 32.929, 285.647

0, 32.929, 285.647

71, 32.929,
285.647

71, 32.929,
285.647

65, 43.940,
287.619

77, 22.284,
283.959

58, 55.354,
289.903

84, 11.976,
282.523

52, 67.178,
292.500

90, 1.978, 281.359

46, 79.337,
295.354

97, 7.731, 100.192

99, 12.023,
109.269

41, 91.549,
298.326

36, 103.144,
301.179

■ 33,111.259,
303.138

Harmonies

Complementary

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



71, 32.929, 285.647



87, 31.602, 97.320

Rectangle

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



71, 32.929, 285.647



71, 32.929, 335.647



71, 32.929, 105.647



71, 32.929, 155.647

Sweetspot

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



71, 32.928, 285.646



93, 10.771, 282.270



87, 26.035, 180.242



49, 7.363, 282.452



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, 32.928, 285.646



73, 42.758, 286.834



69, 41.463, 304.020



45, 5.612, 282.193



25, 90.404, 302.724



4, 29.302, 292.701

Inverse Universe

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



72, 29.733, 7.738



75, 38.674, 8.750



89, 38.846, 119.935



45, 4.960, 4.901



37, 71.525, 30.113



7, 26.677, 13.873

Previews

White Background



This preview shows how the CIELCh color 71, 32.929, 285.647 looks on a white background.

Color Contrast Check

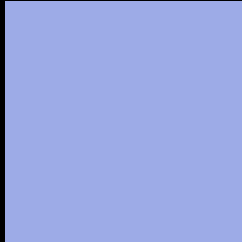
Large Text (above 18pt) WCAG AA × Fail

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, 32.929, 285.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

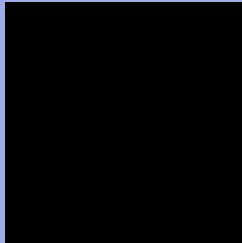
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 32.929, 285.647

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.929, 285.647.



This preview shows how white text looks on a background with the CIELCh color 71, 32.929, 285.647.

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

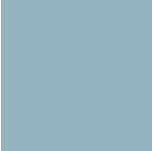
71, 32.929, 285.647

Protanopia

71, 32.929, 285.647

Deuteranopia

71, 32.898, 286.175



Tritanopia
71, 12.720, 239.095

Trichromacy



Original Color
71, 32.929, 285.647

Protanomaly
71, 32.929, 285.647

Deuteranomaly
71, 32.898, 286.175

Tritanomaly
71, 18.470, 266.093

Monochromacy



Original Color
71, 32.929, 285.647

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 12.111, 282.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.929, 285.647 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(157, 171, 231)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 231)  
}
```

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(157, 171, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.929, 285.647 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(157, 171, 231) }
```

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

```
.border{ border-color:rgb(157, 171, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 171, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 171, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 171, 231);  
box-shadow:4px 4px 4px 4px rgb(157, 171,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.929, 285.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 171, 231) }
```

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

```
.background{ background-color: rgb(157,  
171, 231) }
```

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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