

Converting Colors

CIELCh(71, 28.187, 289.091)

Have a look what the booklet for
CIELCh(71, 28.187, 289.091)
contains.

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Color

CIELCh(71, 27.880, 288.827)

Conversions

Conversions Part 1

Format	Color
Hex	A5ABDE
RGB	165, 171, 222
RGB Percent	65%, 67%, 87%
CMY	0.3545, 0.3309, 0.1310
CMYK	0.26, 0.23, 0.00, 0.13
HSL	234°, 46%, 76%
HSV	234°, 26%, 87%
XYZ	43.0539, 42.1875, 74.6930
YIQ	175.0200, -19.9470, 14.5890

Conversions

Conversions Part 2

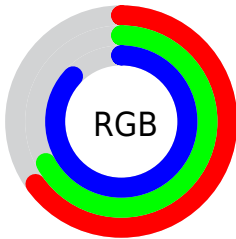
Format	Color
RYB	165, 170, 222
Decimal	10857438
CIELab	71.00, 9.00, -26.39
CIELCh	71, 27.880, 288.827
Yxy	42.1875, 0.2692, 0.2638
Android (android.graphics.Color)	4289047518 (0xFFA5ABDE)
YUV	175.0200, 23.1611, -8.7875
Hunter-Lab	64.9519, 4.6544, -22.7156

Details

The CIELCh color $71, 27.880, 288.827$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $86, 26.607, 102.795$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 15.129, 285.013$, and $51, 27.999, 288.878$ is the 20% darker color. If you saturate the color by 10%, you get $64, 39.463, 290.511$, and if you desaturate by 10%, it is $78, 16.731, 287.390$.

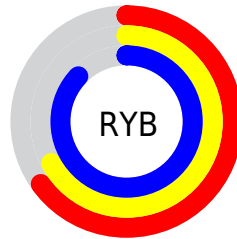
Distribution



Red (65%)

Green (67%)

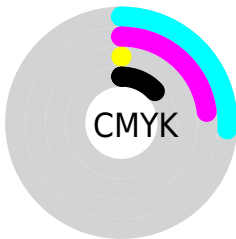
Blue (87%)



Red (65%)

Yellow (67%)

Blue (87%)

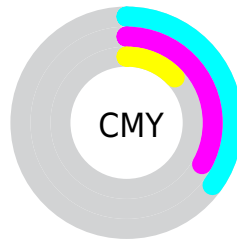


Cyan (26%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (35%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 27.880, 288.827 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, 27.880, 288.827 by changing the saturation by 10% instead.

■ 71, 27.880,
288.827

■ 71, 27.880,
288.827

■ 100, 27.880,
288.827

■ 61, 27.880,
288.827

■ 91, 27.880,
288.827

■ 51, 27.880,
288.827

■ 41, 27.880,
288.827

■ 31, 27.880,
288.827

■ 21, 27.880,
288.827

■ 11, 27.880,
288.827

■ 1, 27.880, 288.827

0, 27.880, 288.827

71, 27.880,
288.827

71, 27.880,
288.827

64, 39.463,
290.511

78, 16.731,
287.390

58, 51.515,
292.473

84, 5.984, 286.178

51, 64.033,
294.718

91, 4.391, 105.086

98, 14.423,
104.208

45, 76.919,
297.207

99, 16.898,
108.900

39, 89.828,
299.817

34, 101.947,
302.318

■ 30,111.868,
304.395

■ 29,115.093,
305.047

Harmonies

Complementary

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



71, 27.880, 288.827



86, 26.607, 102.795

Rectangle

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



71, 27.880, 288.827



71, 27.880, 338.827



71, 27.880, 108.827



71, 27.880, 158.827

Sweetspot

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



71, 27.879, 288.826



94, 9.420, 286.442



84, 19.682, 187.741



49, 6.711, 286.620



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, 27.879, 288.826



77, 38.056, 289.725



71, 32.152, 306.361



43, 5.928, 286.602



22, 94.934, 304.778



3, 27.442, 292.570

Inverse Universe

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



73, 22.487, 13.251



79, 30.871, 14.009



85, 30.739, 123.566



43, 4.675, 11.434



36, 73.839, 35.344



5, 23.728, 15.716

Previews

White Background



This preview shows how the CIELCh color 71, 27.880, 288.827 looks on a white background.

Color Contrast Check

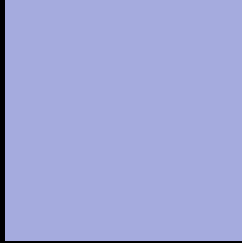
Large Text (above 18pt) WCAG AA × Fail

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, 27.880, 288.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

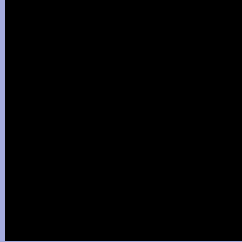
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 27.880, 288.827

Background



This preview shows how black text looks on a background with the CIELCh color 71, 27.880, 288.827.



This preview shows how white text looks on a background with the CIELCh color 71, 27.880, 288.827.

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

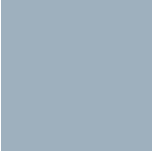
71, 27.880, 288.827

Protanopia

71, 27.433, 285.324

Deuteranopia

71, 28.437, 289.630



Tritanopia
71, 9.803, 250.558

Trichromacy



Original Color
71, 27.880, 288.827

Protanomaly
71, 27.942, 286.856

Deuteranomaly
71, 28.437, 289.630

Tritanomaly
71, 15.385, 273.391

Monochromacy



Original Color
71, 27.880, 288.827

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 10.390, 287.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 27.880, 288.827 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(165, 171, 222)` looks like.

```
.text, #text, p{  
    color:rgb(165, 171, 222)  
}
```

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(165, 171, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 171, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 27.880, 288.827 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(165, 171, 222) }
```

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

```
.border{ border-color:rgb(165, 171, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 171, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 171, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 171, 222);  
box-shadow:4px 4px 4px 4px rgb(165, 171,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 27.880, 288.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 171, 222) }
```

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

```
.background{ background-color: rgb(165,  
171, 222) }
```

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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