

Converting Colors

CIELCh(71, 36.551, 305.054)

Have a look what the booklet for
CIELCh(71, 36.551, 305.054)
contains.

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Color

CIELCh(71, 36.444, 305.034)

Conversions

Conversions Part 1

Format	Color
Hex	B9A3E4
RGB	185, 163, 228
RGB Percent	73%, 64%, 89%
CMY	0.2739, 0.3602, 0.1053
CMYK	0.19, 0.28, 0.00, 0.11
HSL	260°, 55%, 77%
HSV	260°, 28%, 89%
XYZ	47.1905, 42.1875, 79.1652
YIQ	176.9880, -7.7530, 24.8790

Conversions

Conversions Part 2

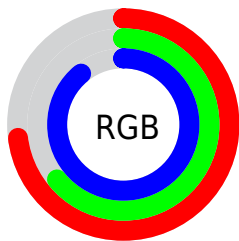
Format	Color
RYB	185, 163, 228
Decimal	12166116
CIELab	71.00, 20.92, -29.84
CIELCh	71, 36.444, 305.034
Yxy	42.1875, 0.2800, 0.2503
Android (android.graphics.Color)	4290356196 (0xFFB9A3E4)
YUV	176.9880, 25.1489, 7.0265
Hunter-Lab	64.9519, 16.0225, -26.7980

Details

The CIELCh color `71, 36.444, 305.034` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `88, 34.523, 121.672`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 21.046, 314.693`, and `51, 36.373, 305.165` is the 20% darker color. If you saturate the color by 10%, you get `64, 49.998, 305.803`, and if you desaturate by 10%, it is `78, 23.261, 304.333`.

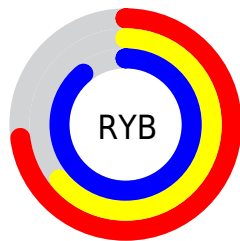
Distribution



Red (73%)

Green (64%)

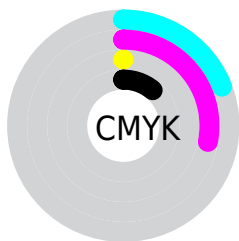
Blue (89%)



Red (73%)

Yellow (64%)

Blue (89%)

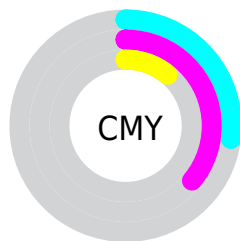


Cyan (19%)

Magenta (28%)

Yellow (0%)

Black (11%)



Cyan (27%)


Magenta (36%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 36.444, 305.034 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, 36.444, 305.034 by changing the saturation by 10% instead.


 71, 36.444,
305.034


 71, 36.444,
305.034


 100, 36.444,
305.034


 61, 36.444,
305.034


 91, 36.444,
305.034

 51, 36.444,
305.034

 41, 36.444,
305.034

 31, 36.444,
305.034

 21, 36.444,
305.034

 11, 36.444,
305.034

 1, 36.444, 305.034

■ 0, 36.444, 305.034

■ 71, 36.444,
305.034

■ 71, 36.444,
305.034

■ 64, 49.998,
305.803

■ 78, 23.261,
304.333

■ 57, 63.803,
306.623

■ 85, 10.504,
303.705

■ 51, 77.593,
307.451

■ 92, 1.819, 123.200

■ 45, 90.868,
308.214

■ 99, 13.716,
122.687

■ 40, 102.780,
308.789

■ 99, 13.586,
109.151

■ 36, 112.142,
309.013

■ 33, 118.011,
308.770

■ 32, 118.762,
308.730

Harmonies

Complementary

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



71, 36.444, 305.034



88, 34.523, 121.672

Rectangle

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



71, 36.444, 305.034



71, 36.444, 355.034



71, 36.444, 125.034



71, 36.444, 175.034

Sweetspot

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



71, 36.442, 305.034



93, 12.193, 303.739



81, 17.916, 238.920



49, 8.494, 303.827



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, 36.442, 305.034



74, 48.024, 305.466



74, 39.851, 321.095



44, 7.069, 303.763



24, 98.653, 308.886



3, 34.666, 305.438

Inverse Universe

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



74, 32.990, 338.045



79, 43.024, 338.542



86, 39.435, 138.239



45, 6.549, 336.523



39, 69.037, 347.755



7, 29.841, 343.853

Previews

White Background



This preview shows how the CIELCh color 71, 36.444, 305.034 looks on a white background.

Color Contrast Check

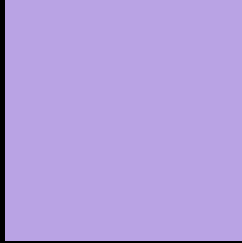
Large Text (above 18pt) WCAG AA × Fail

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, 36.444, 305.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

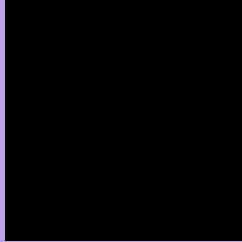
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 36.444, 305.034

Background



This preview shows how black text looks on a background with the CIELCh color 71, 36.444, 305.034.



This preview shows how white text looks on a background with the CIELCh color 71, 36.444, 305.034.

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, 36.444, 305.034

Protanopia

71, 34.566, 285.199

Deuteranopia

71, 30.641, 287.710



Tritanopia
71, 8.111, 309.387

Trichromacy



Original Color
71, 36.444, 305.034

Protanomaly
71, 34.961, 292.474

Deuteranomaly
71, 32.300, 294.427

Tritanomaly
71, 18.712, 306.146

Monochromacy



Original Color
71, 36.444, 305.034

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 13.458, 303.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 36.444, 305.034 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(185, 163, 228)` looks like.

```
.text, #text, p{  
    color:rgb(185, 163, 228)  
}
```

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(185, 163, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 163, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 36.444, 305.034 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(185, 163, 228) }
```

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

```
.border{ border-color:rgb(185, 163, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 163, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 163, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 163, 228);  
box-shadow:4px 4px 4px 4px rgb(185, 163,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 36.444, 305.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 163, 228) }
```

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

```
.background{ background-color: rgb(185,  
163, 228) }
```

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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