

Converting Colors

CIELCh(71, 21.062, 299.994)

Have a look what the booklet for
CIELCh(71, 21.062, 299.994)
contains.

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Color

CIELCh(71, 21.030, 299.766)

Conversions

Conversions Part 1

Format	Color
Hex	B1A9CF
RGB	177, 169, 207
RGB Percent	69%, 66%, 81%
CMY	0.3062, 0.3375, 0.1885
CMYK	0.14, 0.18, 0.00, 0.19
HSL	253°, 28%, 74%
HSV	253°, 18%, 81%
XYZ	43.5412, 42.1875, 64.8301
YIQ	175.7240, -7.4300, 13.5140

Conversions

Conversions Part 2

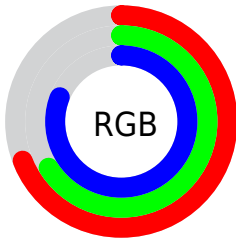
Format	Color
R_{YB}	177, 169, 207
Decimal	11643343
CIE _{Lab}	71.00, 10.44, -18.26
CIE _{LCh}	71, 21.030, 299.766
Yxy	42.1875, 0.2892, 0.2802
Android (android.graphics.Color)	4289833423 (0xFFB1A9CF)
YUV	175.7240, 15.4191, 1.1191
Hunter-Lab	64.9519, 5.9936, -13.7124

Details

The CIELCh color **71, 21.030, 299.766** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **82, 20.229, 117.170**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 16.452, 302.191**, and **51, 21.231, 299.611** is the 20% darker color. If you saturate the color by 10%, you get **64, 33.102, 300.671**, and if you desaturate by 10%, it is **78, 9.400, 298.973**.

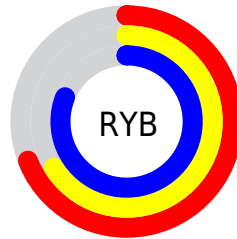
Distribution



Red (69%)

Green (66%)

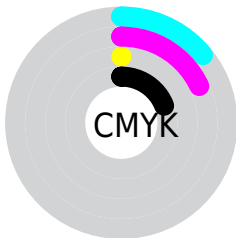
Blue (81%)



Red (69%)

Yellow (66%)

Blue (81%)

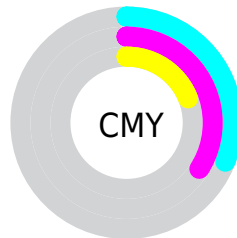


Cyan (14%)

Magenta (18%)

Yellow (0%)

Black (19%)



Cyan (31%)


Magenta (34%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 21.030, 299.766 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, 21.030, 299.766 by changing the saturation by 10% instead.


 71, 21.030,
299.766


 71, 21.030,
299.766


 100, 21.030,
299.766


 61, 21.030,
299.766


 91, 21.030,
299.766

 51, 21.030,
299.766

 41, 21.030,
299.766

 31, 21.030,
299.766

 21, 21.030,
299.766

 11, 21.030,
299.766

 1, 21.030, 299.766

0, 21.030, 299.766

71, 21.030,
299.766

71, 21.030,
299.766

64, 33.102,
300.671

78, 9.400, 298.973

84, 1.795, 118.300

58, 45.609,
301.697

91, 12.580,
117.703

51, 58.484,
302.835

97, 22.977,
117.195

45, 71.540,
304.048

99, 24.271,
108.337

39, 84.365,
305.260

34, 96.156,
306.329

■ 30,105.641,
307.046

■ 27,111.681,
307.260

■ 27,112.533,
307.296

Harmonies

Complementary

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



71, 21.030, 299.766



82, 20.229, 117.170

Rectangle

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



71, 21.030, 299.766



71, 21.030, 349.766



71, 21.030, 119.766



71, 21.030, 169.766

Sweetspot

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



71, 21.028, 299.765



95, 7.960, 298.807



78, 11.163, 220.170



50, 5.286, 298.855



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, 21.028, 299.765



83, 30.072, 300.104



73, 22.840, 316.504



40, 6.445, 299.052



21, 96.356, 307.398



2, 25.797, 298.525

Inverse Universe

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



73, 21.427, 332.051



86, 30.447, 332.313



80, 22.525, 134.913



41, 6.646, 331.457



38, 72.013, 338.711



5, 26.441, 336.160

Previews

White Background



This preview shows how the CIELCh color 71, 21.030, 299.766 looks on a white background.

Color Contrast Check

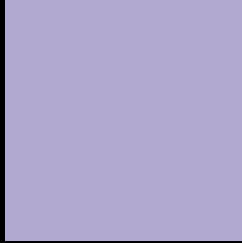
Large Text (above 18pt) WCAG AA × Fail

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, 21.030, 299.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

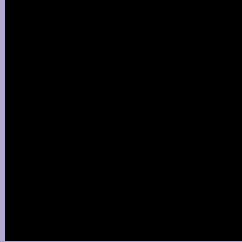
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 21.030, 299.766

Background



This preview shows how black text looks on a background with the CIELCh color 71, 21.030, 299.766.



This preview shows how white text looks on a background with the CIELCh color 71, 21.030, 299.766.

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, 21.030, 299.766

Protanopia

71, 20.270, 286.379

Deuteranopia

71, 20.314, 296.042



Tritanopia
71, 7.104, 290.884

Trichromacy



Original Color
71, 21.030, 299.766

Protanomaly
71, 20.225, 291.177

Deuteranomaly
71, 20.344, 297.015

Tritanomaly
71, 12.058, 294.753

Monochromacy



Original Color
71, 21.030, 299.766

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 7.741, 299.049

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 21.030, 299.766 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(177, 169, 207)` looks like.

```
.text, #text, p{  
    color:rgb(177, 169, 207)  
}
```

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(177, 169, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 169, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 21.030, 299.766 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(177, 169, 207) }
```

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

```
.border{ border-color:rgb(177, 169, 207) }
```

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

Here you see how a box with a 4 pixel rgb(177, 169, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 169, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 169, 207);  
box-shadow:4px 4px 4px 4px rgb(177, 169,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 21.030, 299.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 169, 207) }
```

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

```
.background{ background-color: rgb(177,  
169, 207) }
```

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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