

Converting Colors

CIELCh(71, 47.036, 288.970)

Have a look what the booklet for
CIELCh(71, 47.036, 288.970)
contains.

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Color

CIELCh(71, 46.988, 288.928)

Conversions

Conversions Part 1

Format	Color
Hex	99A9FF
RGB	153, 169, 255
RGB Percent	60%, 66%, 100%
CMY	0.4014, 0.3385, 0.0014
CMYK	0.40, 0.34, 0.00, 0.00
HSL	231°, 99%, 80%
HSV	231°, 40%, 100%
XYZ	45.1887, 42.1875, 100.0634
YIQ	174.0200, -37.1420, 23.3540

Conversions

Conversions Part 2

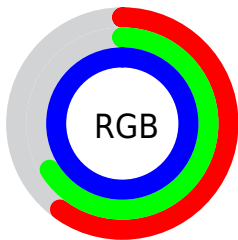
Format	Color
RYB	153, 167, 255
Decimal	10070527
CIELab	71.00, 15.24, -44.45
CIElCh	71, 46.988, 288.928
Yxy	42.1875, 0.2411, 0.2251
Android (android.graphics.Color)	4288260607 (0xFF99A9FF)
YUV	174.0200, 39.9231, -18.4345
Hunter-Lab	64.9519, 10.5213, -45.8745

Details

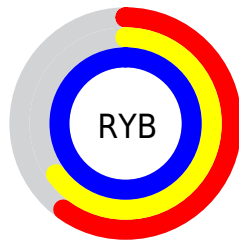
The CIELCh color **71, 46.988, 288.928** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **94, 43.968, 98.282**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.688, 275.334**, and **51, 47.195, 289.072** is the 20% darker color. If you saturate the color by 10%, you get **64, 59.815, 291.119**, and if you desaturate by 10%, it is **78, 34.632, 287.040**.

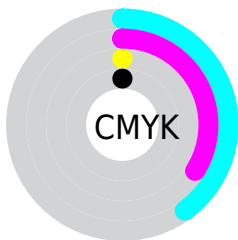
Distribution



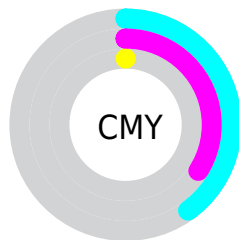
- Red (60%)
- Green (66%)
- Blue (100%)



- Red (60%)
- Yellow (65%)
- Blue (100%)



- Cyan (40%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 46.988, 288.928 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, 46.988, 288.928 by changing the saturation by 10% instead.

■ 71, 46.988,
288.928

■ 71, 46.988,
288.928

■ 100, 46.988,
288.928

■ 61, 46.988,
288.928

■ 91, 46.988,
288.928

■ 51, 46.988,
288.928

■ 41, 46.988,
288.928

■ 31, 46.988,
288.928

■ 21, 46.988,
288.928

■ 11, 46.988,
288.928

■ 1, 46.988, 288.928

0, 46.988, 288.928

71, 46.988,
288.928

71, 46.988,
288.928

64, 59.815,
291.119

78, 34.632,
287.040

57, 73.119,
293.613

85, 22.718,
285.429

50, 86.791,
296.355

93, 11.207,
284.060

44, 100.454,
299.202

100, 0.067,
285.270

39, 113.245,
301.905

100, 0.172,
109.715

35, 123.734,
304.116

Harmonies

Complementary

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



71, 46.988, 288.928



94, 43.968, 98.282

Rectangle

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



71, 46.988, 288.928



71, 46.988, 338.928



71, 46.988, 108.928



71, 46.988, 158.928

Sweetspot

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



71, 46.987, 288.928



91, 13.436, 284.309



94, 33.665, 182.120



48, 8.931, 284.481



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, 46.987, 288.928



65, 57.211, 290.645



70, 56.991, 305.784



49, 6.342, 283.992



26, 98.533, 303.754



5, 39.128, 298.730

Inverse Universe

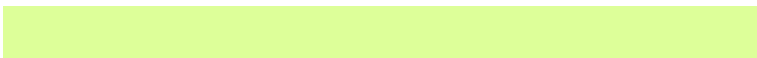
The Inverse Universe completely reimagines the original color for something new.



74, 40.766, 11.551



70, 49.549, 13.151



96, 52.539, 120.827



50, 5.357, 7.381



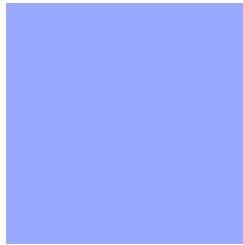
40, 77.116, 32.621



10, 32.238, 20.719

Previews

White Background



This preview shows how the CIE LCh color 71, 46.988, 288.928 looks on a white background.

Color Contrast Check

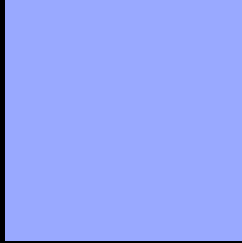
Large Text (above 18pt) WCAG AA × Fail

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, 46.988, 288.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

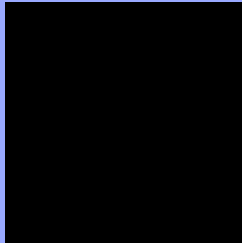
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 46.988, 288.928

Background



This preview shows how black text looks on a background with the CIELCh color 71, 46.988, 288.928.



This preview shows how white text looks on a background with the CIELCh color 71, 46.988, 288.928.

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, 46.988, 288.928

Protanopia

71, 46.106, 285.228

Deuteranopia

71, 45.237, 282.833



Tritanopia
71, 16.102, 226.931

Trichromacy



Original Color
71, 46.988, 288.928

Protanomaly
71, 46.557, 286.751

Deuteranomaly
71, 45.577, 285.046

Tritanomaly
71, 23.973, 265.324

Monochromacy



Original Color
71, 46.988, 288.928

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 17.024, 284.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 46.988, 288.928 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(153, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 169, 255)  
}
```

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(153, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 169, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 46.988, 288.928 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(153, 169, 255) }
```

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

```
.border{ border-color:rgb(153, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 169,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 46.988, 288.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 169, 255) }
```

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

```
.background{ background-color: rgb(153,  
169, 255) }
```

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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