

Converting Colors

CIELCh(71, 51.256, 306.220)

Have a look what the booklet for
CIELCh(71, 51.256, 306.220)
contains.

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Color

CIELCh(71, 50.887, 306.089)

Conversions

Conversions Part 1

Format	Color
Hex	BE9EF9
RGB	190, 158, 249
RGB Percent	75%, 62%, 98%
CMY	0.2553, 0.3808, 0.0239
CMYK	0.24, 0.37, 0.00, 0.02
HSL	261°, 88%, 80%
HSV	261°, 37%, 98%
XYZ	50.5023, 42.1875, 95.0171
YIQ	177.9420, -10.1390, 35.0850

Conversions

Conversions Part 2

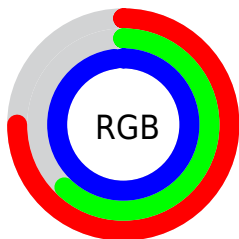
Format	Color
R _Y B	190, 158, 249
Decimal	12492537
CIE Lab	71.00, 29.97, -41.12
CIE LCh	71, 50.887, 306.089
Yxy	42.1875, 0.2690, 0.2248
Android (android.graphics.Color)	4290682617 (0xFFBE9EF9)
YUV	177.9420, 35.0316, 10.5749
Hunter-Lab	64.9519, 25.1241, -41.2680

Details

The CIELCh color $71, 50.887, 306.089$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $94, 47.403, 121.744$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 25.087, 320.546$, and $51, 50.967, 306.236$ is the 20% darker color. If you saturate the color by 10%, you get $64, 65.656, 306.879$, and if you desaturate by 10%, it is $78, 36.399, 305.349$.

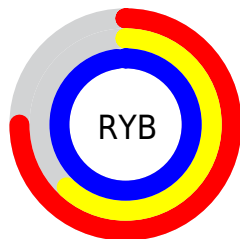
Distribution



Red (75%)

Green (62%)

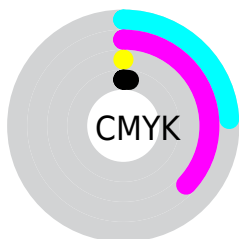
Blue (98%)



Red (75%)

Yellow (62%)

Blue (98%)

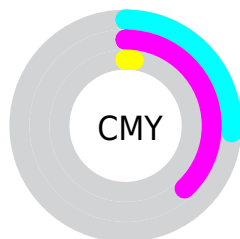


Cyan (24%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (26%)


Magenta (38%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 50.887, 306.089 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, 50.887, 306.089 by changing the saturation by 10% instead.


 71, 50.887,
306.089


 71, 50.887,
306.089


 100, 50.887,
306.089


 61, 50.887,
306.089


 91, 50.887,
306.089

 51, 50.887,
306.089

 41, 50.887,
306.089

 31, 50.887,
306.089

 21, 50.887,
306.089

 11, 50.887,
306.089

 1, 50.887, 306.089

■ 0, 50.887, 306.089

■ 71, 50.887,
306.089

■ 71, 50.887,
306.089

■ 64, 65.656,
306.879

■ 78, 36.399,
305.349

■ 57, 80.450,
307.681

■ 86, 22.319,
304.676

■ 50, 94.773,
308.426

■ 93, 8.694, 304.072

■ 45, 107.777,
309.002

■ 100, 3.093,
113.504

■ 40, 118.240,
309.251

■ 100, 3.085,
109.923

■ 37, 124.920,
309.016

■ 36,126.596,
308.878

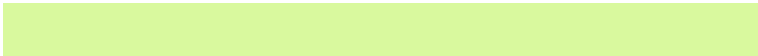
Harmonies

Complementary

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



71, 50.887, 306.089



94, 47.403, 121.744

Rectangle

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



71, 50.887, 306.089



71, 50.887, 356.089



71, 50.887, 126.089



71, 50.887, 176.089

Sweetspot

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



71, 50.885, 306.089



92, 14.982, 304.333



84, 24.281, 242.614



48, 10.090, 304.415



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, 50.885, 306.089



67, 63.095, 306.678



75, 55.022, 321.963



48, 7.597, 304.243



26, 102.610, 309.046



5, 42.971, 308.562

Inverse Universe

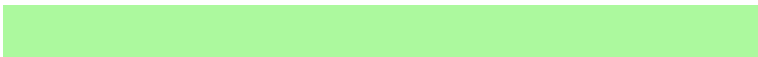
The Inverse Universe completely reimagines the original color for something new.



76, 44.904, 339.390



73, 54.704, 340.123



91, 54.418, 138.113



49, 6.959, 337.105



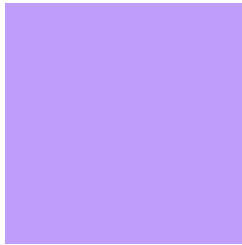
42, 71.365, 348.907



10, 33.141, 345.463

Previews

White Background



This preview shows how the CIELCh color 71, 50.887, 306.089 looks on a white background.

Color Contrast Check

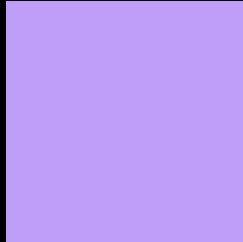
Large Text (above 18pt) WCAG AA × Fail

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, 50.887, 306.089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

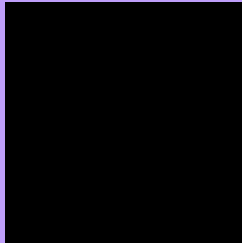
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 50.887, 306.089

Background



This preview shows how black text looks on a background with the CIELCh color 71, 50.887, 306.089.



This preview shows how white text looks on a background with the CIELCh color 71, 50.887, 306.089.

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, 50.887, 306.089

Protanopia
71, 46.073, 285.557

Deuteranopia
71, 40.705, 283.965



Tritanopia
71, 8.111, 309.387

Trichromacy



Original Color
71, 50.887, 306.089

Protanomaly
71, 47.518, 293.227

Deuteranomaly
71, 43.699, 292.728

Tritanomaly
71, 23.762, 305.921

Monochromacy



Original Color
71, 50.887, 306.089

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 18.490, 303.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 50.887, 306.089 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(190, 158, 249)` looks like.

```
.text, #text, p{  
    color:rgb(190, 158, 249)  
}
```

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(190, 158, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 158, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 50.887, 306.089 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(190, 158, 249) }
```

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

```
.border{ border-color:rgb(190, 158, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 158, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 158, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 158, 249);  
box-shadow:4px 4px 4px 4px rgb(190, 158,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 50.887, 306.089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 158, 249) }
```

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

```
.background{ background-color: rgb(190,  
158, 249) }
```

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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