

Converting Colors

CIELCh(71, 43.844, 318.236)

Have a look what the booklet for
CIELCh(71, 43.844, 318.236)
contains.

CIELCh(71, 43.891, 318.366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 43.891, 318.366)

Conversions

Conversions Part 1

Format	Color
Hex	D09AE3
RGB	208, 154, 227
RGB Percent	82%, 60%, 89%
CMY	0.1834, 0.3952, 0.1089
CMYK	0.08, 0.32, 0.00, 0.11
HSL	284°, 57%, 75%
HSV	284°, 32%, 89%
XYZ	51.5684, 42.1875, 78.2694
YIQ	178.4680, 8.7510, 34.1510

Conversions

Conversions Part 2

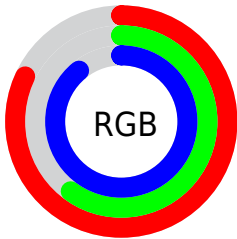
Format	Color
R _Y B	208, 154, 227
Decimal	13671139
CIE Lab	71.00, 32.80, -29.16
CIE LCh	71, 43.891, 318.366
Yxy	42.1875, 0.2998, 0.2452
Android (android.graphics.Color)	4291861219 (0xFFD09AE3)
YUV	178.4680, 23.9263, 25.8996
Hunter-Lab	64.9519, 28.0538, -25.9803

Details

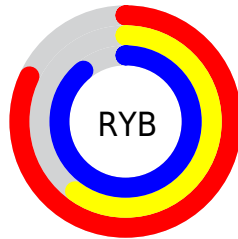
The CIELCh color $71, 43.891, 318.366$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $85, 43.015, 135.364$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 28.837, 325.429$, and $51, 43.755, 318.657$ is the 20% darker color. If you saturate the color by 10%, you get $65, 57.541, 318.776$, and if you desaturate by 10%, it is $77, 30.080, 317.929$.

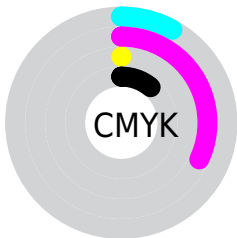
Distribution



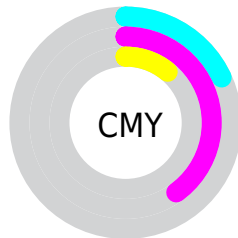
- Red (82%)
- Green (60%)
- Blue (89%)



- Red (82%)
- Yellow (60%)
- Blue (89%)



- Cyan (8%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)





- Cyan (18%)
- Magenta (40%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 43.891, 318.366 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, 43.891, 318.366 by changing the saturation by 10% instead.


 71, 43.891,
318.366

 71, 43.891,
318.366


 100, 43.891,
318.366


 61, 43.891,
318.366


 91, 43.891,
318.366

 51, 43.891,
318.366

 41, 43.891,
318.366

 31, 43.891,
318.366

 21, 43.891,
318.366

 11, 43.891,
318.366

 1, 43.891, 318.366

0, 43.891, 318.366

71, 43.891,
318.366

71, 43.891,
318.366

65, 57.541,
318.776

77, 30.080,
317.929

60, 70.680,
319.128

83, 16.351,
317.484

55, 82.804,
319.380

89, 2.848, 316.994

51, 93.275,
319.481

95, 10.345,
136.681

48, 101.408,
319.370

98, 15.438,
132.670

45, 106.679,
318.996

99, 14.682,
125.201

■ 44, 109.046,
318.535

■ 99, 14.206,
116.983

■ 99, 14.048,
109.116

Harmonies

Complementary

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



71, 43.891, 318.366



85, 43.015, 135.364

Rectangle

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



71, 43.891, 318.366



71, 43.891, 8.366



71, 43.891, 138.366



71, 43.891, 188.366

Sweetspot

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



71, 43.889, 318.366



93, 14.772, 317.391



71, 29.639, 280.972



49, 10.092, 317.454



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, 43.889, 318.366



75, 58.525, 318.662



72, 39.807, 333.885



45, 7.698, 317.364



34, 90.970, 318.671



6, 36.907, 319.502

Inverse Universe

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



71, 29.929, 2.460



75, 40.259, 3.607



84, 39.568, 149.174



45, 5.099, 359.617



37, 68.441, 24.450



7, 26.640, 10.611

Previews

White Background



This preview shows how the CIELCh color 71, 43.891, 318.366 looks on a white background.

Color Contrast Check

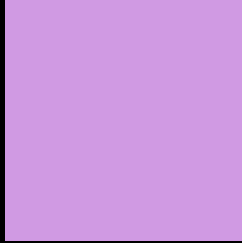
Large Text (above 18pt) WCAG AA × Fail

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, 43.891, 318.366 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, 43.891, 318.366

Background



This preview shows how black text looks on a background with the CIELCh color 71, 43.891, 318.366.



This preview shows how white text looks on a background with the CIELCh color 71, 43.891, 318.366.

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, 43.891, 318.366

Protanopia
71, 37.301, 285.248

Deuteranopia
71, 28.979, 288.467



Tritanopia
71, 15.769, 354.290

Trichromacy



Original Color
71, 43.891, 318.366



Protanomaly
71, 37.890, 297.625



Deuteranomaly
71, 33.323, 301.875



Tritanomaly
71, 25.005, 332.047

Monochromacy



Original Color
71, 43.891, 318.366



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 16.478, 317.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 43.891, 318.366 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(208, 154, 227)` looks like.

```
.text, #text, p{  
    color:rgb(208, 154, 227)  
}
```

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(208, 154, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 154, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 43.891, 318.366 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(208, 154, 227) }
```

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

```
.border{ border-color:rgb(208, 154, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 154, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 154, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 154, 227);  
box-shadow:4px 4px 4px 4px rgb(208, 154,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 43.891, 318.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 154, 227) }
```

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

```
.background{ background-color: rgb(208,  
154, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor