

Converting Colors

CIELCh(71, 48.650, 324.266)

Have a look what the booklet for
CIELCh(71, 48.650, 324.266)
contains.

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Color

CIELCh(71, 48.414, 324.391)

Conversions

Conversions Part 1

Format	Color
Hex	DD95E2
RGB	221, 149, 226
RGB Percent	87%, 58%, 89%
CMY	0.1346, 0.4169, 0.1150
CMYK	0.02, 0.34, 0.00, 0.12
HSL	296°, 57%, 73%
HSV	296°, 34%, 88%
XYZ	54.0960, 42.1875, 77.0040
YIQ	179.3060, 18.1950, 39.2110

Conversions

Conversions Part 2

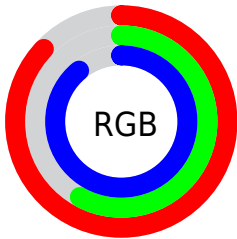
Format	Color
R _Y B	221, 149, 226
Decimal	14521826
CIE Lab	71.00, 39.36, -28.19
CIE LCh	71, 48.414, 324.391
Yxy	42.1875, 0.3122, 0.2435
Android (android.graphics.Color)	4292711906 (0xFFDD95E2)
YUV	179.3060, 23.0201, 36.5656
Hunter-Lab	64.9519, 35.0001, -24.8252

Details

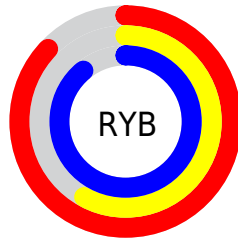
The CIELCh color $71, 48.414, 324.391$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $84, 48.238, 140.445$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 31.983, 325.537$, and $51, 48.029, 324.652$ is the 20% darker color. If you saturate the color by 10%, you get $66, 62.006, 324.843$, and if you desaturate by 10%, it is $76, 34.296, 323.902$.

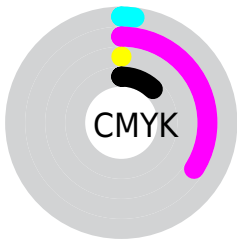
Distribution



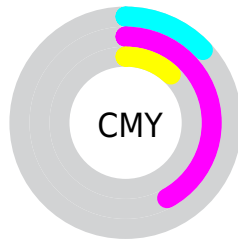
- Red (87%)
- Green (58%)
- Blue (89%)



- Red (87%)
- Yellow (58%)
- Blue (89%)



- Cyan (2%)
- Magenta (34%)
- Yellow (0%)
- Black (12%)





- Cyan (13%)
- Magenta (42%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 48.414, 324.391 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, 48.414, 324.391 by changing the saturation by 10% instead.


 71, 48.414,
324.391


 71, 48.414,
324.391


 100, 48.414,
324.391


 61, 48.414,
324.391


 91, 48.414,
324.391

 51, 48.414,
324.391

 41, 48.414,
324.391

 31, 48.414,
324.391

 21, 48.414,
324.391

 11, 48.414,
324.391

 1, 48.414, 324.391

■ 0, 48.414, 324.391

■ 71, 48.414,
324.391

■ 71, 48.414,
324.391

■ 66, 62.006,
324.843

■ 76, 34.296,
323.902

■ 62, 74.617,
325.234

■ 82, 20.008,
323.391

■ 58, 85.686,
325.542

■ 87, 5.793, 322.851

■ 55, 94.634,
325.741

■ 93, 8.190, 142.430

■ 53, 100.996,
325.813

■ 97, 17.852,
141.679

■ 52, 104.602,
325.747

■ 98, 17.569,
140.305

■ 98, 17.297,

■ 51, 105.769,
325.660

138.881

■ 98, 17.035,
137.407

■ 98, 16.784,
135.883

Harmonies

Complementary

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



71, 48.414, 324.391



84, 48.238, 140.445

Rectangle

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



71, 48.414, 324.391



71, 48.414, 14.391



71, 48.414, 144.391



71, 48.414, 194.391

Sweetspot

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



71, 48.412, 324.391



94, 15.619, 323.180



66, 39.867, 291.930



49, 10.666, 323.255



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, 48.412, 324.391



76, 63.867, 324.720



70, 36.759, 343.234



44, 7.992, 323.147



40, 87.813, 325.701



7, 35.866, 326.047

Inverse Universe

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



69, 31.072, 17.540



73, 42.098, 18.716



84, 35.721, 157.095



44, 4.738, 14.678



36, 76.421, 37.317



6, 25.400, 18.205

Previews

White Background



This preview shows how the CIELCh color 71, 48.414, 324.391 looks on a white background.

Color Contrast Check

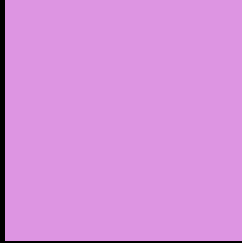
Large Text (above 18pt) WCAG AA × Fail

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, 48.414, 324.391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

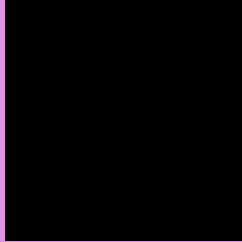
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 48.414, 324.391

Background



This preview shows how black text looks on a background with the CIELCh color 71, 48.414, 324.391.



This preview shows how white text looks on a background with the CIELCh color 71, 48.414, 324.391.

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





Tritanopia

71, 21.484, 3.909

Trichromacy



Original Color
71, 48.414, 324.391



Protanomaly
71, 40.261, 299.859



Deuteranomaly
71, 33.875, 306.439



Tritanomaly
71, 29.521, 340.892

Monochromacy



Original Color
71, 48.414, 324.391



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 18.030, 323.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 48.414, 324.391 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(221, 149, 226)` looks like.

```
.text, #text, p{  
    color:rgb(221, 149, 226)  
}
```

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(221, 149, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 149, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 48.414, 324.391 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(221, 149, 226) }
```

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

```
.border{ border-color:rgb(221, 149, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 149, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 149, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 149, 226); box-shadow:4px 4px 4px 4px rgb(221, 149, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 48.414, 324.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 149, 226) }
```

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

```
.background{ background-color: rgb(221,  
149, 226) }
```

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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