

Converting Colors

CIELCh(71, 48.683, 329.248)

Have a look what the booklet for
CIELCh(71, 48.683, 329.248)
contains.

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Color

CIELCh(71, 48.902, 329.298)

Conversions

Conversions Part 1

Format	Color
Hex	E492DC
RGB	228, 146, 220
RGB Percent	89%, 57%, 86%
CMY	0.1061, 0.4277, 0.1375
CMYK	0.00, 0.36, 0.04, 0.11
HSL	306°, 60%, 73%
HSV	306°, 36%, 89%
XYZ	55.1551, 42.1875, 72.9031
YIQ	178.9540, 25.1180, 40.3980

Conversions

Conversions Part 2

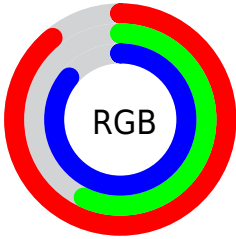
Format	Color
R _Y B	228, 146, 220
Decimal	14979804
CIE Lab	71.00, 42.05, -24.97
CIE LCh	71, 48.902, 329.298
Yxy	42.1875, 0.3240, 0.2478
Android (android.graphics.Color)	4293169884 (0xFFE492DC)
YUV	178.9540, 20.2357, 43.0133
Hunter-Lab	64.9519, 37.9106, -21.0818

Details

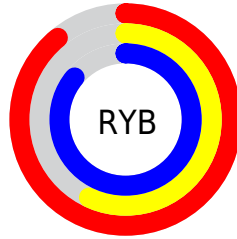
The CIELCh color $71, 48.902, 329.298$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $84, 48.910, 144.450$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 33.868, 325.602$, and $51, 49.206, 329.133$ is the 20% darker color. If you saturate the color by 10%, you get $66, 61.650, 329.876$, and if you desaturate by 10%, it is $76, 35.486, 328.708$.

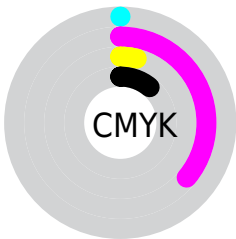
Distribution



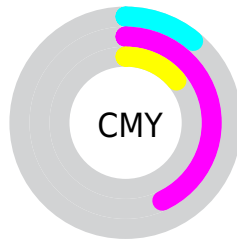
- Red (89%)
- Green (57%)
- Blue (86%)



- Red (89%)
- Yellow (57%)
- Blue (86%)



- Cyan (0%)
- Magenta (36%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (43%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 48.902, 329.298 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, 48.902, 329.298 by changing the saturation by 10% instead.

 71, 48.902,
329.298

 71, 48.902,
329.298


 100, 48.902,
329.298

 61, 48.902,
329.298


 91, 48.902,
329.298

 51, 48.902,
329.298

 41, 48.902,
329.298

 31, 48.902,
329.298

 21, 48.902,
329.298

 11, 48.902,
329.298

 1, 48.902, 329.298

71, 48.902,
329.298

71, 48.902,
329.298

66, 61.650,
329.876

76, 35.486,
328.708

62, 73.243,
330.433

82, 21.796,
328.112

59, 83.109,
330.964

87, 8.105, 327.505

56, 90.695,
331.466

93, 5.402, 147.030

54, 95.615,
331.945

98, 15.596,
147.095

53, 97.822,
332.416

98, 14.704,
149.763

98, 13.845,

■ 53, 98.245,
332.606

152.759

■ 98, 13.026,
156.131

■ 98, 12.255,
159.931

Harmonies

Complementary

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



71, 48.902, 329.298



84, 48.910, 144.450

Rectangle

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



71, 48.902, 329.298



71, 48.902, 19.298



71, 48.902, 149.298



71, 48.902, 199.298

Sweetspot

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



71, 48.899, 329.298



93, 16.404, 327.819



64, 45.853, 297.438



49, 11.030, 327.901



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, 48.899, 329.298



75, 63.452, 329.722



70, 35.886, 352.255



45, 7.769, 327.721



41, 81.928, 332.530



8, 34.786, 331.807

Inverse Universe

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



71, 48.899, 329.298



75, 63.452, 329.722



85, 33.593, 164.778



45, 7.769, 327.721



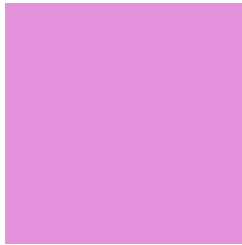
41, 81.928, 332.530



8, 34.786, 331.807

Previews

White Background



This preview shows how the CIELCh color 71, 48.902, 329.298 looks on a white background.

Color Contrast Check

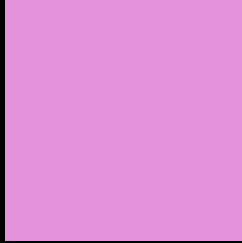
Large Text (above 18pt) WCAG AA × Fail

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, 48.902, 329.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

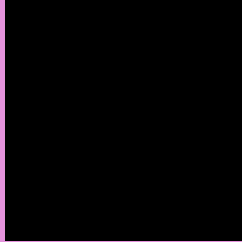
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 48.902, 329.298

Background



This preview shows how black text looks on a background with the CIELCh color 71, 48.902, 329.298.



This preview shows how white text looks on a background with the CIELCh color 71, 48.902, 329.298.

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, 26.166, 7.680

Trichromacy



Original Color
71, 48.902, 329.298



Protanomaly
71, 38.352, 302.518



Deuteranomaly
71, 31.836, 311.192



Tritanomaly
71, 32.793, 347.501

Monochromacy



Original Color
71, 48.902, 329.298



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 18.422, 328.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 48.902, 329.298 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(228, 146, 220)` looks like.

```
.text, #text, p{  
    color:rgb(228, 146, 220)  
}
```

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(228, 146, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 146, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 48.902, 329.298 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(228, 146, 220) }
```

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

```
.border{ border-color:rgb(228, 146, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 146, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 146, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 146, 220);  
box-shadow:4px 4px 4px 4px rgb(228, 146,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 48.902, 329.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 146, 220) }
```

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

```
.background{ background-color: rgb(228,  
146, 220) }
```

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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