

Converting Colors

CIELCh(70, 47.385, 327.352)

Have a look what the booklet for
CIELCh(70, 47.385, 327.352)
contains.

CIELCh(70, 47.481, 327.419)	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(70, 47.481, 327.419)

Conversions

Conversions Part 1

Format	Color
Hex	DD91DA
RGB	221, 145, 218
RGB Percent	87%, 57%, 85%
CMY	0.1328, 0.4309, 0.1446
CMYK	0.00, 0.34, 0.01, 0.13
HSL	302°, 53%, 72%
HSV	302°, 34%, 87%
XYZ	52.6742, 40.7494, 71.5071
YIQ	176.0460, 21.8630, 38.8150

Conversions

Conversions Part 2

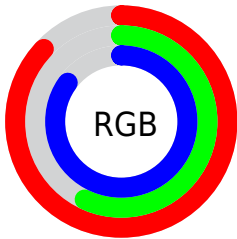
Format	Color
R _Y B	221, 145, 218
Decimal	14520794
CIE Lab	70.00, 40.01, -25.57
CIE LCh	70, 47.481, 327.419
Yxy	40.7494, 0.3194, 0.2471
Android (android.graphics.Color)	4292710874 (0xFFDD91DA)
YUV	176.0460, 20.6833, 39.4247
Hunter-Lab	63.8353, 35.5791, -21.7309

Details

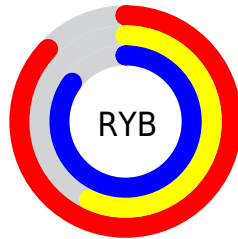
The CIELCh color $70, 47.481, 327.419$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $82, 47.512, 142.984$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 34.496, 325.624$, and $50, 47.411, 327.513$ is the 20% darker color. If you saturate the color by 10%, you get $65, 60.544, 327.944$, and if you desaturate by 10%, it is $75, 33.808, 326.868$.

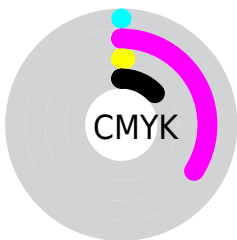
Distribution



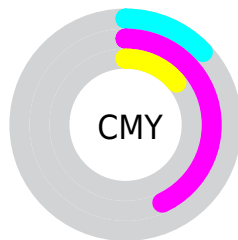
- Red (87%)
- Green (57%)
- Blue (85%)



- Red (87%)
- Yellow (57%)
- Blue (85%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (13%)





- Cyan (13%)
- Magenta (43%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 47.481, 327.419 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 70, 47.481, 327.419 by changing the saturation by 10% instead.


 70, 47.481,
327.419


 70, 47.481,
327.419


 100, 47.481,
327.419


 60, 47.481,
327.419


 90, 47.481,
327.419

 50, 47.481,
327.419

 40, 47.481,
327.419

 30, 47.481,
327.419

 20, 47.481,
327.419

 10, 47.481,
327.419

 0, 47.481, 327.419

70, 47.481,
327.419

70, 47.481,
327.419

65, 60.544,
327.944

75, 33.808,
326.868

61, 72.533,
328.429

80, 19.901,
326.303

58, 82.897,
328.861

86, 6.020, 325.709

55, 91.097,
329.230

91, 7.658, 145.244

97, 20.600,
144.724

53, 96.737,
329.531

97, 20.236,
145.449

52, 99.723,
329.770

97, 19.874,
146.200

52, 100.574,
329.887

97, 19.516,
146.977

■ 97, 19.161,
147.781

Harmonies

Complementary

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



70, 47.481, 327.419



82, 47.512, 142.984

Rectangle

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



70, 47.481, 327.419



70, 47.481, 17.419



70, 47.481, 147.419



70, 47.481, 197.419

Sweetspot

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



70, 47.478, 327.419



94, 15.513, 326.056



63, 42.562, 295.628



49, 10.592, 326.138



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 47.478, 327.419



76, 63.098, 327.788



69, 34.333, 348.923



43, 7.789, 326.018



41, 83.923, 329.859



7, 33.622, 329.501

Inverse Universe

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



70, 47.478, 327.419



76, 63.098, 327.788



83, 32.670, 162.138



43, 7.789, 326.018



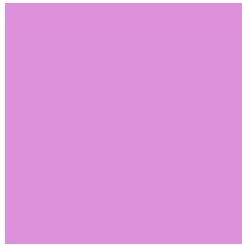
41, 83.923, 329.859



7, 33.622, 329.501

Previews

White Background



This preview shows how the CIELCh color 70, 47.481, 327.419 looks on a white background.

Color Contrast Check

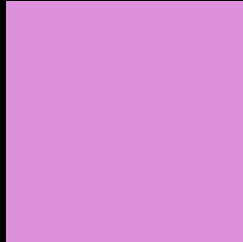
Large Text (above 18pt) WCAG AA × Fail

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 70, 47.481, 327.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

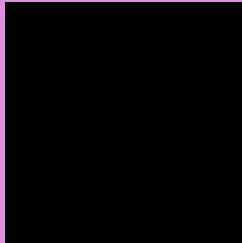
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 47.481, 327.419

Background



This preview shows how black text looks on a background with the CIELCh color 70, 47.481, 327.419.



This preview shows how white text looks on a background with the CIELCh color 70, 47.481, 327.419.

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
70, 23.888, 5.994

Trichromacy



Original Color
70, 47.481, 327.419



Protanomaly
70, 38.963, 301.976



Deuteranomaly
70, 32.129, 309.114

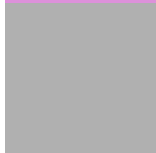


Tritanomaly
70, 31.041, 344.794

Monochromacy



Original Color
70, 47.481, 327.419



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 17.388, 326.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 47.481, 327.419 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, 145, 218)` looks like.

```
.text, #text, p{  
    color:rgb(221, 145, 218)  
}
```

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, 145, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 145, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 47.481, 327.419 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, 145, 218) }
```

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

```
.border{ border-color:rgb(221, 145, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 145, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 145, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 145, 218); box-shadow:4px 4px 4px 4px rgb(221, 145, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 47.481, 327.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 145, 218) }
```

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

```
.background{ background-color: rgb(221,  
145, 218) }
```

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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