

Converting Colors

CIELCh(69, 46.507, 327.821)

Have a look what the booklet for
CIELCh(69, 46.507, 327.821)
contains.

CIELCh(69, 46.541, 327.829)	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(69, 46.541, 327.829)

Conversions

Conversions Part 1

Format	Color
Hex	DA8FD6
RGB	218, 143, 214
RGB Percent	85%, 56%, 84%
CMY	0.1456, 0.4397, 0.1613
CMYK	0.00, 0.34, 0.02, 0.15
HSL	303°, 50%, 71%
HSV	303°, 34%, 85%
XYZ	50.8022, 39.3444, 68.4524
YIQ	173.5190, 21.9090, 37.9810

Conversions

Conversions Part 2

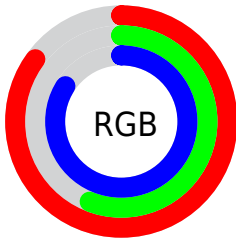
Format	Color
R _Y B	218, 143, 214
Decimal	14323670
CIE Lab	69.00, 39.40, -24.78
CIE LCh	69, 46.541, 327.829
Yxy	39.3444, 0.3203, 0.2481
Android (android.graphics.Color)	4292513750 (0xFFDA8FD6)
YUV	173.5190, 19.9571, 39.0098
Hunter-Lab	62.7251, 34.8015, -20.7960

Details

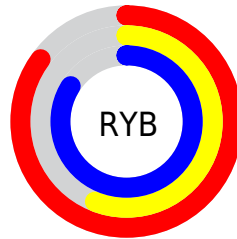
The CIELCh color `69, 46.541, 327.829` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `81, 46.565, 143.359`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `86, 35.751, 325.667`, and `49, 46.450, 327.951` is the 20% darker color. If you saturate the color by 10%, you get `64, 59.331, 328.365`, and if you desaturate by 10%, it is `74, 33.155, 327.270`.

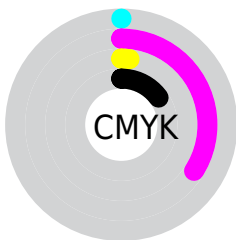
Distribution



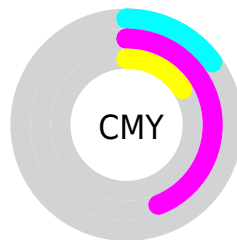
- Red (85%)
- Green (56%)
- Blue (84%)



- Red (85%)
- Yellow (56%)
- Blue (84%)



- Cyan (0%)
- Magenta (34%)
- Yellow (2%)
- Black (15%)





- Cyan (15%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 46.541, 327.829 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 69, 46.541, 327.829 by changing the saturation by 10% instead.


 69, 46.541,
327.829

 69, 46.541,
327.829


 100, 46.541,
327.829


 59, 46.541,
327.829


 89, 46.541,
327.829

 49, 46.541,
327.829

 99, 46.541,
327.829

 39, 46.541,
327.829

 29, 46.541,
327.829

 19, 46.541,
327.829

 9, 46.541, 327.829

 0, 46.541, 327.829

69, 46.541,
327.829

69, 46.541,
327.829

64, 59.331,
328.365

74, 33.155,
327.270

60, 71.069,
328.867

79, 19.541,
326.699

57, 81.212,
329.321

85, 5.955, 326.101

54, 89.226,
329.720

90, 7.433, 145.635

52, 94.715,
330.061

96, 20.516,
145.073


51, 97.580,
330.350

97, 21.981,
145.759

51, 98.377,
330.498

97, 21.503,
146.689

97, 21.029,
147.658

 97, 20.562,
148.671

Harmonies

Complementary

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



69, 46.541, 327.829



81, 46.565, 143.359

Rectangle

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



69, 46.541, 327.829



69, 46.541, 17.829



69, 46.541, 147.829



69, 46.541, 197.829

Sweetspot

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



69, 46.538, 327.829



94, 15.367, 326.448



62, 42.120, 296.153



49, 10.492, 326.530



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 46.538, 327.829



76, 62.517, 328.205



68, 33.661, 349.941



43, 7.716, 326.409



41, 83.022, 330.461



7, 33.299, 329.989

Inverse Universe

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



69, 46.538, 327.829



76, 62.517, 328.205



81, 31.893, 163.058



43, 7.716, 326.409



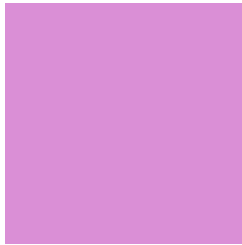
41, 83.022, 330.461



7, 33.299, 329.989

Previews

White Background



This preview shows how the CIELCh color 69, 46.541, 327.829 looks on a white background.

Color Contrast Check

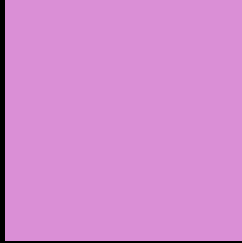
Large Text (above 18pt) WCAG AA × Fail

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 69, 46.541, 327.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

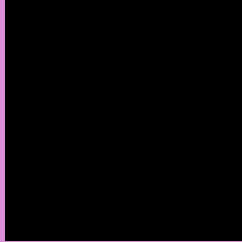
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 46.541, 327.829

Background



This preview shows how black text looks on a background with the CIELCh color 69, 46.541, 327.829.



This preview shows how white text looks on a background with the CIELCh color 69, 46.541, 327.829.

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
69, 23.469, 7.015

Trichromacy



Original Color
69, 46.541, 327.829



Protanomaly
69, 37.433, 302.277



Deuteranomaly
69, 31.283, 310.292



Tritanomaly
69, 29.932, 345.565

Monochromacy



Original Color
69, 46.541, 327.829



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 17.440, 326.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 46.541, 327.829 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(218, 143, 214)` looks like.

```
.text, #text, p{  
    color:rgb(218, 143, 214)  
}
```

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(218, 143, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 143, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 46.541, 327.829 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(218, 143, 214) }
```

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

```
.border{ border-color:rgb(218, 143, 214) }
```

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

Here you see how a box with a 4 pixel rgb(218, 143, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 143, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 143, 214);  
box-shadow:4px 4px 4px 4px rgb(218, 143,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 46.541, 327.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 143, 214) }
```

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

```
.background{ background-color: rgb(218,  
143, 214) }
```

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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