

Converting Colors

CIELCh(69, 45.144, 318.937)

Have a look what the booklet for
CIELCh(69, 45.144, 318.937)
contains.

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Color

CIELCh(69, 44.849, 318.947)

Conversions

Conversions Part 1

Format	Color
Hex	CC94DE
RGB	204, 148, 222
RGB Percent	80%, 58%, 87%
CMY	0.1996, 0.4192, 0.1290
CMYK	0.08, 0.33, 0.00, 0.13
HSL	285°, 53%, 73%
HSV	285°, 33%, 87%
XYZ	48.7371, 39.3444, 74.2091
YIQ	173.1800, 9.6220, 34.8860

Conversions

Conversions Part 2

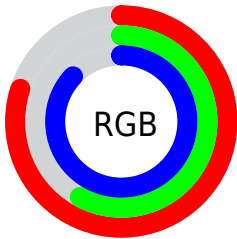
Format	Color
RYB	204, 148, 222
Decimal	13407454
CIELab	69.00, 33.82, -29.45
CIELCh	69, 44.849, 318.947
Yxy	39.3444, 0.3003, 0.2424
Android (android.graphics.Color)	4291597534 (0xFFCC94DE)
YUV	173.1800, 24.0683, 27.0291
Hunter-Lab	62.7251, 28.9247, -26.2375

Details

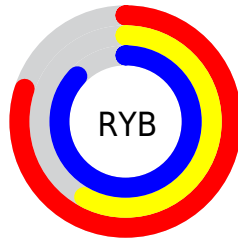
The CIELCh color $69, 44.849, 318.947$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $83, 44.000, 135.791$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 32.611, 325.559$, and $49, 45.257, 318.967$ is the 20% darker color. If you saturate the color by 10%, you get $64, 58.218, 319.351$, and if you desaturate by 10%, it is $75, 31.265, 318.512$.

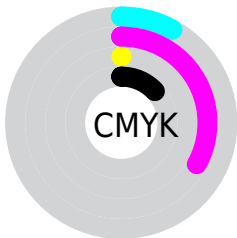
Distribution



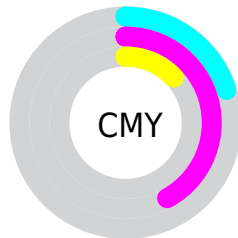
- Red (80%)
- Green (58%)
- Blue (87%)



- Red (80%)
- Yellow (58%)
- Blue (87%)



- Cyan (8%)
- Magenta (33%)
- Yellow (0%)
- Black (13%)




- Cyan (20%)
- Magenta (42%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 44.849, 318.947 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, 44.849, 318.947 by changing the saturation by 10% instead.

 69, 44.849,
318.947

 69, 44.849,
318.947

 100, 44.849,
318.947

 59, 44.849,
318.947

 89, 44.849,
318.947

 49, 44.849,
318.947

 99, 44.849,
318.947

 39, 44.849,
318.947

 29, 44.849,
318.947

 19, 44.849,
318.947

 9, 44.849, 318.947

 0, 44.849, 318.947

69, 44.849,
318.947

69, 44.849,
318.947

64, 58.218,
319.351

75, 31.265,
318.512

59, 71.004,
319.692

81, 17.722,
318.066

54, 82.694,
319.928

87, 4.377, 317.596

50, 92.655,
320.010

93, 8.677, 137.254

47, 100.238,
319.882

98, 18.861,
135.983


45, 104.988,
319.496

98, 18.027,
130.643

44, 106.869,
319.120

98, 17.366,
124.771

99, 16.904,
118.440

 99, 16.665,
111.778

Harmonies

Complementary

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



69, 44.849, 318.947



83, 44.000, 135.791

Rectangle

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



69, 44.849, 318.947



69, 44.849, 8.947



69, 44.849, 138.947



69, 44.849, 188.947

Sweetspot

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



69, 44.847, 318.947



93, 14.839, 317.920



69, 30.847, 282.271



49, 10.137, 317.984



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, 44.847, 318.947



74, 60.199, 319.234



70, 40.039, 334.633



44, 7.592, 317.891



34, 89.745, 319.247



5, 35.183, 319.848

Inverse Universe

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



69, 30.376, 3.885



74, 41.181, 5.044



83, 39.756, 149.649



44, 4.969, 0.852



37, 68.355, 25.817



6, 25.292, 10.556

Previews

White Background



This preview shows how the CIELCh color 69, 44.849, 318.947 looks on a white background.

Color Contrast Check

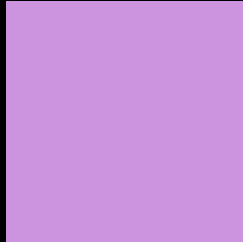
Large Text (above 18pt) WCAG AA × Fail

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, 44.849, 318.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

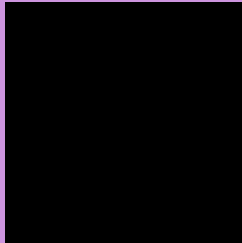
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 44.849, 318.947

Background



This preview shows how black text looks on a background with the CIELCh color 69, 44.849, 318.947.



This preview shows how white text looks on a background with the CIELCh color 69, 44.849, 318.947.

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, 16.571, 355.654

Trichromacy



Original Color
69, 44.849, 318.947



Protanomaly
69, 39.824, 298.142



Deuteranomaly
69, 34.122, 302.383



Tritanomaly
69, 26.010, 332.616

Monochromacy



Original Color
69, 44.849, 318.947



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 16.579, 317.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 44.849, 318.947 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(204, 148, 222)` looks like.

```
.text, #text, p{  
    color:rgb(204, 148, 222)  
}
```

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(204, 148, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 148, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 44.849, 318.947 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(204, 148, 222) }
```

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

```
.border{ border-color:rgb(204, 148, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 148, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 148, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 148, 222);  
box-shadow:4px 4px 4px 4px rgb(204, 148,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 44.849, 318.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 148, 222) }
```

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

```
.background{ background-color: rgb(204,  
148, 222) }
```

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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