

Converting Colors

CIELCh(69, 43.844, 334.218)

Have a look what the booklet for
CIELCh(69, 43.844, 334.218)
contains.

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Color

CIELCh(69, 44.167, 334.240)

Conversions

Conversions Part 1

Format	Color
Hex	DF8ECC
RGB	223, 142, 204
RGB Percent	87%, 56%, 80%
CMY	0.1259, 0.4435, 0.2004
CMYK	0.00, 0.36, 0.09, 0.13
HSL	314°, 56%, 72%
HSV	314°, 36%, 87%
XYZ	50.9461, 39.3444, 61.9734
YIQ	173.2870, 28.3740, 36.4540

Conversions

Conversions Part 2

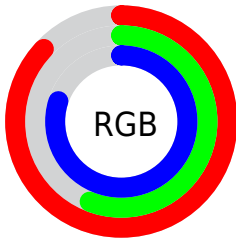
Format	Color
R _Y B	223, 142, 204
Decimal	14651084
CIE Lab	69.00, 39.78, -19.20
CIE LCh	69, 44.167, 334.240
Yxy	39.3444, 0.3346, 0.2584
Android (android.graphics.Color)	4292841164 (0xFFDF8ECC)
YUV	173.2870, 15.1415, 43.5983
Hunter-Lab	62.7251, 35.2108, -14.6719

Details

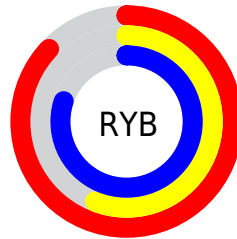
The CIELCh color $69, 44.167, 334.240$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $82, 43.910, 148.787$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 36.378, 325.689$, and $49, 44.045, 333.917$ is the 20% darker color. If you saturate the color by 10%, you get $64, 55.606, 335.003$, and if you desaturate by 10%, it is $74, 32.141, 333.513$.

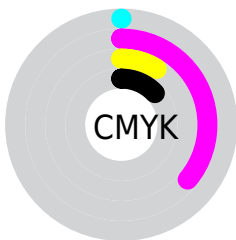
Distribution



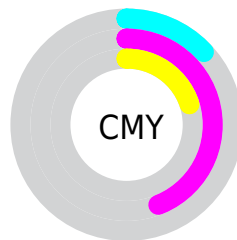
- Red (87%)
- Green (56%)
- Blue (80%)



- Red (87%)
- Yellow (56%)
- Blue (80%)



- Cyan (0%)
- Magenta (36%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 44.167, 334.240 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, 44.167, 334.240 by changing the saturation by 10% instead.

 69, 44.167,
334.240

 69, 44.167,
334.240

 100, 44.167,
334.240

 59, 44.167,
334.240

 89, 44.167,
334.240

 49, 44.167,
334.240

 99, 44.167,
334.240

 39, 44.167,
334.240

 29, 44.167,
334.240

 19, 44.167,
334.240

 9, 44.167, 334.240

 0, 44.167, 334.240

69, 44.167,
334.240

69, 44.167,
334.240

64, 55.606,
335.003

74, 32.141,
333.513

60, 65.997,
335.812

80, 19.892,
332.814

56, 74.779,
336.682

85, 7.665, 332.126

54, 81.396,
337.645

91, 4.378, 151.620

52, 85.440,
338.740

97, 16.142,
150.964


51, 86.848,
340.021

97, 15.192,
157.006

50, 86.994,
340.524

97, 13.474,
165.260

98, 12.091,
175.606

 98, 11.173,
188.079

Harmonies

Complementary

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



69, 44.167, 334.240



82, 43.910, 148.787

Rectangle

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



69, 44.167, 334.240



69, 44.167, 24.240



69, 44.167, 154.240



69, 44.167, 204.240

Sweetspot

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



69, 44.164, 334.240



93, 14.896, 332.455



64, 45.795, 302.230



49, 10.017, 332.548



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, 44.164, 334.240



74, 59.093, 334.847



68, 33.572, 2.642



44, 6.924, 332.343



40, 73.097, 340.283



7, 30.660, 337.895

Inverse Universe

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



69, 44.164, 334.240



74, 59.093, 334.847



83, 29.678, 174.658



44, 6.924, 332.343



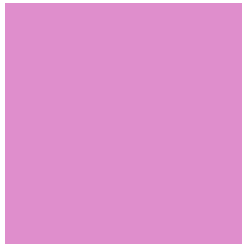
40, 73.097, 340.283



7, 30.660, 337.895

Previews

White Background



This preview shows how the CIELCh color 69, 44.167, 334.240 looks on a white background.

Color Contrast Check

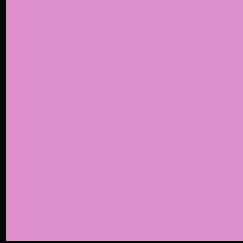
Large Text (above 18pt) WCAG AA × Fail

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, 44.167, 334.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

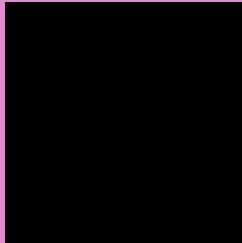
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 44.167, 334.240

Background



This preview shows how black text looks on a background with the CIELCh color 69, 44.167, 334.240.



This preview shows how white text looks on a background with the CIELCh color 69, 44.167, 334.240.

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



Original Color
69, 44.167, 334.240

Protanopia
69, 30.341, 285.270

Deuteranopia
69, 19.362, 297.253



Tritanopia
69, 27.514, 8.556

Trichromacy



Original Color
69, 44.167, 334.240



Protanomaly
69, 32.319, 305.902



Deuteranomaly
69, 26.844, 317.519



Tritanomaly
69, 32.038, 352.234

Monochromacy



Original Color
69, 44.167, 334.240



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 16.220, 332.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 44.167, 334.240 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(223, 142, 204)` looks like.

```
.text, #text, p{  
    color:rgb(223, 142, 204)  
}
```

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(223, 142, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 142, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 44.167, 334.240 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(223, 142, 204) }
```

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

```
.border{ border-color:rgb(223, 142, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 142, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 142, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 142, 204);  
box-shadow:4px 4px 4px 4px rgb(223, 142,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 44.167, 334.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 142, 204) }
```

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

```
.background{ background-color: rgb(223,  
142, 204) }
```

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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