

Converting Colors

CIELCh(69, 40.894, 331.461)

Have a look what the booklet for
CIELCh(69, 40.894, 331.461)
contains.

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Color

CIELCh(69, 40.834, 331.522)

Conversions

Conversions Part 1

Format	Color
Hex	D891CC
RGB	216, 145, 204
RGB Percent	85%, 57%, 80%
CMY	0.1518, 0.4303, 0.1989
CMYK	0.00, 0.33, 0.06, 0.15
HSL	310°, 48%, 71%
HSV	310°, 33%, 85%
XYZ	49.4982, 39.3444, 62.2829
YIQ	172.9550, 23.3770, 33.4010

Conversions

Conversions Part 2

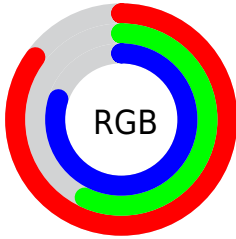
Format	Color
R _Y B	216, 145, 204
Decimal	14193100
CIE Lab	69.00, 35.89, -19.47
CIE LCh	69, 40.834, 331.522
Yxy	39.3444, 0.3275, 0.2603
Android (android.graphics.Color)	4292383180 (0xFFD891CC)
YUV	172.9550, 15.3052, 37.7505
Hunter-Lab	62.7251, 31.0905, -14.9645

Details

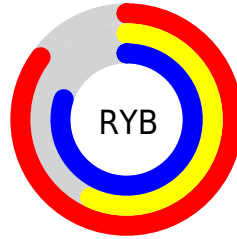
The CIELCh color $69, 40.834, 331.522$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 40.722, 146.956$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 34.496, 325.624$, and $49, 40.988, 331.345$ is the 20% darker color. If you saturate the color by 10%, you get $64, 52.736, 332.183$, and if you desaturate by 10%, it is $74, 28.461, 330.873$.

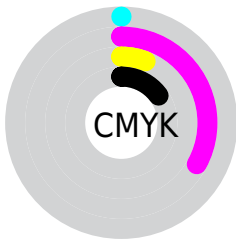
Distribution



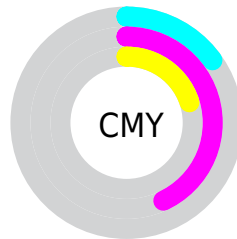
- Red (85%)
- Green (57%)
- Blue (80%)



- Red (85%)
- Yellow (57%)
- Blue (80%)



- Cyan (0%)
- Magenta (33%)
- Yellow (6%)
- Black (15%)




- Cyan (15%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 40.834, 331.522 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, 40.834, 331.522 by changing the saturation by 10% instead.

 69, 40.834,
331.522

 69, 40.834,
331.522


 100, 40.834,
331.522


 59, 40.834,
331.522


 89, 40.834,
331.522

 49, 40.834,
331.522

 99, 40.834,
331.522

 39, 40.834,
331.522

 29, 40.834,
331.522

 19, 40.834,
331.522

 9, 40.834, 331.522

 0, 40.834, 331.522

69, 40.834,
331.522

69, 40.834,
331.522

64, 52.736,
332.183

74, 28.461,
330.873

60, 63.746,
332.853

79, 15.945,
330.234

56, 73.339,
333.537

85, 3.502, 329.552

90, 8.727, 149.091

53, 80.964,
334.242

96, 20.658,
148.507

51, 86.163,
334.988


97, 20.190,
151.520

50, 88.740,
335.802

97, 18.816,
155.276

49, 89.329,
336.433

97, 17.526,
159.586

 97, 16.341,
164.531

Harmonies

Complementary

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



69, 40.834, 331.522



81, 40.722, 146.956

Rectangle

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



69, 40.834, 331.522



69, 40.834, 21.522



69, 40.834, 151.522



69, 40.834, 201.522

Sweetspot

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



69, 40.831, 331.522



94, 14.176, 330.059



64, 39.967, 299.689



49, 9.680, 330.150



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, 40.831, 331.522



77, 55.126, 331.952



68, 30.171, 357.354



42, 6.981, 330.015



39, 75.084, 336.277



6, 29.102, 334.454

Inverse Universe

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



69, 40.831, 331.522



77, 55.126, 331.952



81, 27.687, 170.399



42, 6.981, 330.015



39, 75.084, 336.277



6, 29.102, 334.454

Previews

White Background



This preview shows how the CIELCh color 69, 40.834, 331.522 looks on a white background.

Color Contrast Check

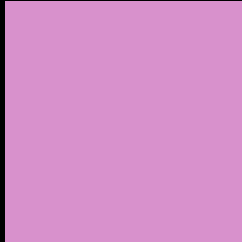
Large Text (above 18pt) WCAG AA × Fail

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, 40.834, 331.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

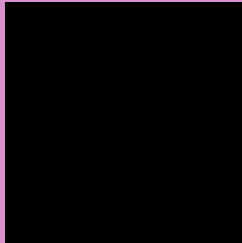
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 40.834, 331.522

Background



This preview shows how black text looks on a background with the CIELCh color 69, 40.834, 331.522.



This preview shows how white text looks on a background with the CIELCh color 69, 40.834, 331.522.

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, 23.559, 5.716

Trichromacy



Original Color
69, 40.834, 331.522



Protanomaly
69, 31.018, 304.439



Deuteranomaly
69, 26.400, 315.344

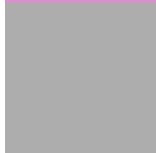


Tritanomaly
69, 28.513, 348.716

Monochromacy



Original Color
69, 40.834, 331.522



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 15.073, 331.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 40.834, 331.522 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(216, 145, 204)` looks like.

```
.text, #text, p{  
    color:rgb(216, 145, 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(216, 145, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 145, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 40.834, 331.522 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(216, 145, 204) }
```

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

```
.border{ border-color:rgb(216, 145, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 145, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 145, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 145, 204);  
box-shadow:4px 4px 4px 4px rgb(216, 145,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 40.834, 331.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 145, 204) }
```

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

```
.background{ background-color: rgb(216,  
145, 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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