

Converting Colors

CIELCh(69, 40.688, 333.298)

Have a look what the booklet for
CIELCh(69, 40.688, 333.298)
contains.

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Color

CIELCh(69, 40.478, 333.426)

Conversions

Conversions Part 1

Format	Color
Hex	DA91CA
RGB	218, 145, 202
RGB Percent	85%, 57%, 79%
CMY	0.1457, 0.4319, 0.2084
CMYK	0.00, 0.34, 0.07, 0.15
HSL	313°, 50%, 71%
HSV	313°, 34%, 85%
XYZ	49.6122, 39.3444, 60.7620
YIQ	173.3250, 25.2110, 33.2030

Conversions

Conversions Part 2

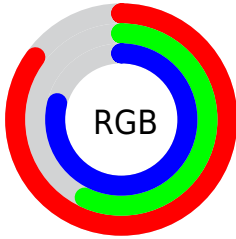
Format	Color
R _Y B	218, 145, 202
Decimal	14324170
CIE Lab	69.00, 36.20, -18.11
CIE LCh	69, 40.478, 333.426
Yxy	39.3444, 0.3314, 0.2628
Android (android.graphics.Color)	4292514250 (0xFFDA91CA)
YUV	173.3250, 14.1368, 39.1800
Hunter-Lab	62.7251, 31.4150, -13.5268

Details

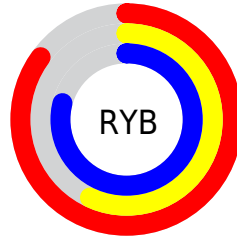
The CIELCh color $69, 40.478, 333.426$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 40.270, 148.551$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 34.496, 325.624$, and $49, 40.569, 333.385$ is the 20% darker color. If you saturate the color by 10%, you get $64, 52.026, 334.155$, and if you desaturate by 10%, it is $74, 28.458, 332.726$.

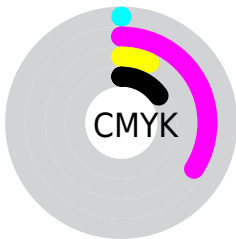
Distribution



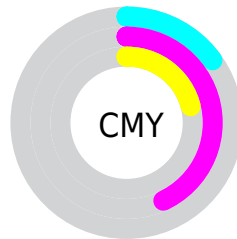
- Red (85%)
- Green (57%)
- Blue (79%)



- Red (85%)
- Yellow (57%)
- Blue (79%)



- Cyan (0%)
- Magenta (34%)
- Yellow (7%)
- Black (15%)





- Cyan (15%)
- Magenta (43%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 40.478, 333.426 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, 40.478, 333.426 by changing the saturation by 10% instead.

 69, 40.478,
333.426

 69, 40.478,
333.426


 100, 40.478,
333.426


 59, 40.478,
333.426


 89, 40.478,
333.426

 49, 40.478,
333.426

 99, 40.478,
333.426

 39, 40.478,
333.426

 29, 40.478,
333.426

 19, 40.478,
333.426

 9, 40.478, 333.426

 0, 40.478, 333.426

69, 40.478,
333.426

69, 40.478,
333.426

64, 52.026,
334.155

74, 28.458,
332.726

60, 62.678,
334.917

79, 16.294,
332.048

56, 71.904,
335.725

85, 4.201, 331.347

53, 79.148,
336.600

91, 7.682, 150.858

51, 83.952,
337.574

96, 19.272,
150.248

50, 86.131,
338.692

97, 18.197,
154.883

49, 86.489,
339.497

97, 16.525,
160.811

97, 15.053,
167.950

97, 13.846,
176.449

Harmonies

Complementary

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



69, 40.478, 333.426



81, 40.270, 148.551

Rectangle

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



69, 40.478, 333.426



69, 40.478, 23.426



69, 40.478, 153.426



69, 40.478, 203.426

Sweetspot

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



69, 40.475, 333.426



94, 13.682, 331.818



64, 41.190, 301.398



49, 9.343, 331.914



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, 40.475, 333.426



76, 54.583, 333.922



68, 30.428, 0.983



43, 6.869, 331.774



39, 73.130, 339.282



6, 29.618, 336.975

Inverse Universe

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



69, 40.475, 333.426



76, 54.583, 333.922



82, 27.359, 173.780



43, 6.869, 331.774



39, 73.130, 339.282



6, 29.618, 336.975

Previews

White Background



This preview shows how the CIELCh color 69, 40.478, 333.426 looks on a white background.

Color Contrast Check

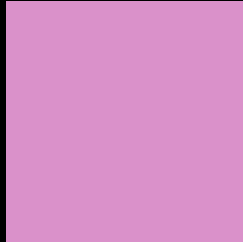
Large Text (above 18pt) WCAG AA × Fail

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, 40.478, 333.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

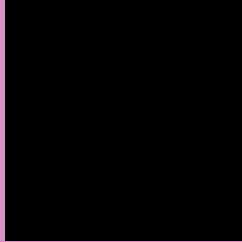
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 40.478, 333.426

Background



This preview shows how black text looks on a background with the CIELCh color 69, 40.478, 333.426.



This preview shows how white text looks on a background with the CIELCh color 69, 40.478, 333.426.

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, 24.740, 6.645

Trichromacy



Original Color
69, 40.478, 333.426



Protanomaly
69, 29.488, 305.671



Deuteranomaly
69, 25.063, 317.601

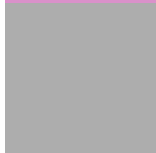


Tritanomaly
69, 29.490, 350.125

Monochromacy



Original Color
69, 40.478, 333.426



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 14.669, 332.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 40.478, 333.426 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, 145, 202)` looks like.

```
.text, #text, p{  
    color:rgb(218, 145, 202)  
}
```

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, 145, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 145, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 40.478, 333.426 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, 145, 202) }
```

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

```
.border{ border-color:rgb(218, 145, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 145, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 145, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 145, 202);  
box-shadow:4px 4px 4px 4px rgb(218, 145,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 40.478, 333.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 145, 202) }
```

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

```
.background{ background-color: rgb(218,  
145, 202) }
```

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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