

Converting Colors

CIELCh(69, 34.242, 325.935)

Have a look what the booklet for
CIELCh(69, 34.242, 325.935)
contains.

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Color

CIELCh(69, 34.658, 325.847)

Conversions

Conversions Part 1

Format	Color
Hex	CC97CC
RGB	204, 151, 204
RGB Percent	80%, 59%, 80%
CMY	0.1999, 0.4077, 0.1999
CMYK	0.00, 0.26, 0.00, 0.20
HSL	300°, 34%, 70%
HSV	300°, 26%, 80%
XYZ	46.8833, 39.3444, 62.2679
YIQ	172.8890, 14.5750, 27.7190

Conversions

Conversions Part 2

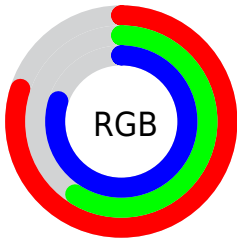
Format	Color
R_{YB}	204, 151, 204
Decimal	13408204
CIE _{Lab}	69.00, 28.68, -19.46
CIE _{LCh}	69, 34.658, 325.847
Yxy	39.3444, 0.3157, 0.2650
Android (android.graphics.Color)	4291598284 (0xFFCC97CC)
YUV	172.8890, 15.3377, 27.2843
Hunter-Lab	62.7251, 23.6493, -14.9502

Details

The CIELCh color $69, 34.658, 325.847$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 34.647, 142.695$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 30.725, 325.494$, and $49, 35.015, 325.663$ is the 20% darker color. If you saturate the color by 10%, you get $64, 47.737, 326.369$, and if you desaturate by 10%, it is $74, 21.297, 325.303$.

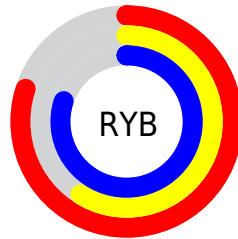
Distribution



Red (80%)

Green (59%)

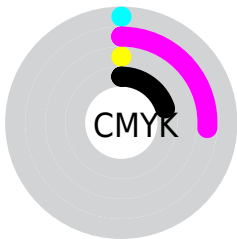
Blue (80%)



Red (80%)

Yellow (59%)

Blue (80%)

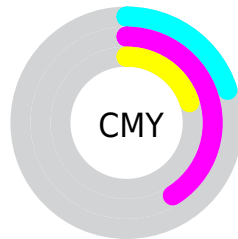


Cyan (0%)

Magenta (26%)

Yellow (0%)

Black (20%)



Cyan (20%)


Magenta (41%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 34.658, 325.847 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, 34.658, 325.847 by changing the saturation by 10% instead.

 69, 34.658,
325.847

 69, 34.658,
325.847

 100, 34.658,
325.847

 59, 34.658,
325.847


 89, 34.658,
325.847

 49, 34.658,
325.847

 99, 34.658,
325.847

 39, 34.658,
325.847

 29, 34.658,
325.847

 19, 34.658,
325.847

 9, 34.658, 325.847

 0, 34.658, 325.847

69, 34.658,
325.847

69, 34.658,
325.847

64, 47.737,
326.369

74, 21.297,
325.303

60, 60.179,
326.854

79, 7.927, 324.735

57, 71.525,
327.285

84, 5.274, 144.276

54, 81.265,
327.646

90, 18.192,
143.712

51, 88.915,
327.923

95, 30.758,
143.197

50, 94.148,
328.109

95, 31.941,
143.149


49, 96.943,
328.207

95, 31.941,
143.150

49, 97.689,

95, 31.941,
143.150

328.233

 95, 31.941,
143.150

Harmonies

Complementary

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



69, 34.658, 325.847



77, 34.647, 142.695

Rectangle

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



69, 34.658, 325.847



69, 34.658, 15.847



69, 34.658, 145.847



69, 34.658, 195.847

Sweetspot

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



69, 34.656, 325.847



95, 12.733, 324.860



64, 29.578, 293.256



50, 9.057, 324.948



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, 34.656, 325.847



82, 49.462, 326.134



68, 24.707, 345.999



40, 7.538, 324.934



39, 83.710, 328.233



5, 29.042, 327.497

Inverse Universe

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



69, 34.656, 325.847



82, 49.462, 326.134



78, 23.925, 161.306



40, 7.538, 324.934



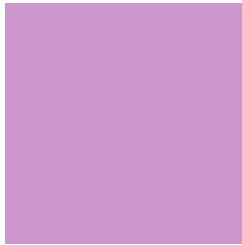
39, 83.710, 328.233



5, 29.042, 327.497

Previews

White Background



This preview shows how the CIELCh color 69, 34.658, 325.847 looks on a white background.

Color Contrast Check

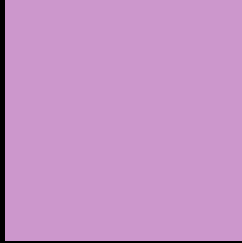
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 34.658, 325.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

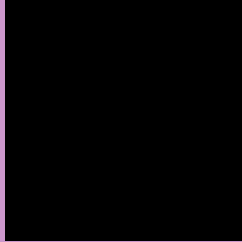
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 34.658, 325.847

Background



This preview shows how black text looks on a background with the CIELCh color 69, 34.658, 325.847.

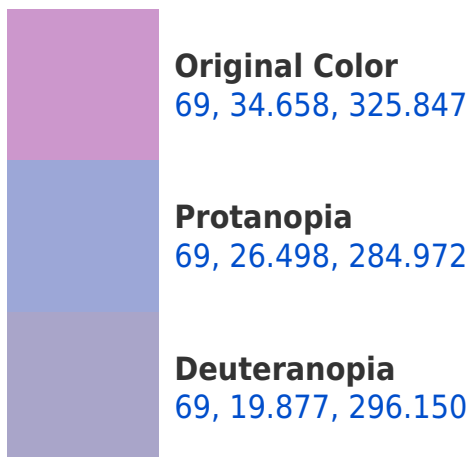


This preview shows how white text looks on a background with the CIELCh color 69, 34.658, 325.847.

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](#).

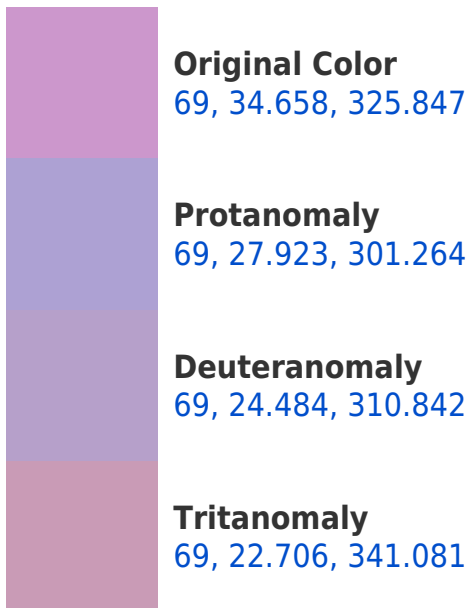
Dichromacy



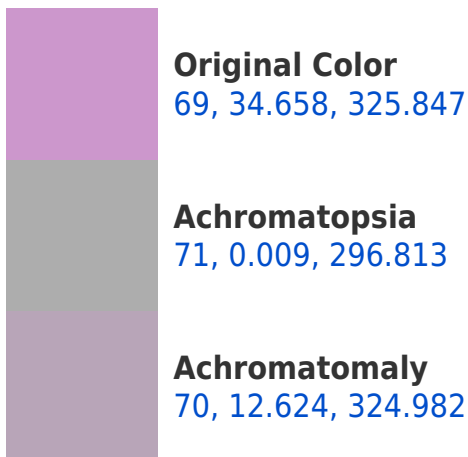


Tritanopia
69, 17.654, 357.442

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 34.658, 325.847 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, 151, 204)` looks like.

```
.text, #text, p{  
    color:rgb(204, 151, 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(204, 151, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 151, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 34.658, 325.847 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, 151, 204) }
```

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

```
.border{ border-color:rgb(204, 151, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 151, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 151, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 151, 204);  
box-shadow:4px 4px 4px 4px rgb(204, 151,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 34.658, 325.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 151, 204) }
```

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

```
.background{ background-color: rgb(204,  
151, 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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