

Converting Colors

CIELCh(69, 32.301, 331.341)

Have a look what the booklet for
CIELCh(69, 32.301, 331.341)
contains.

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Color

CIELCh(69, 32.321, 331.476)

Conversions

Conversions Part 1

Format	Color
Hex	CF97C5
RGB	207, 151, 197
RGB Percent	81%, 59%, 77%
CMY	0.1889, 0.4085, 0.2281
CMYK	0.00, 0.27, 0.05, 0.19
HSL	311°, 37%, 70%
HSV	311°, 27%, 81%
XYZ	46.7826, 39.3444, 57.8497
YIQ	172.9880, 18.6100, 26.1780

Conversions

Conversions Part 2

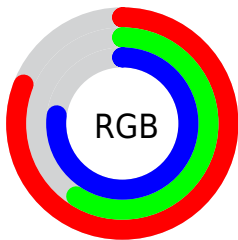
Format	Color
R _Y B	207, 151, 197
Decimal	13604805
CIE Lab	69.00, 28.40, -15.43
CIE LCh	69, 32.321, 331.476
Yxy	39.3444, 0.3249, 0.2733
Android (android.graphics.Color)	4291794885 (0xFFCF97C5)
YUV	172.9880, 11.8379, 29.8285
Hunter-Lab	62.7251, 23.3626, -10.7741

Details

The CIELCh color $69, 32.321, 331.476$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 32.206, 147.811$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 30.306, 326.051$, and $49, 32.495, 331.624$ is the 20% darker color. If you saturate the color by 10%, you get $64, 44.032, 332.139$, and if you desaturate by 10%, it is $74, 20.353, 330.828$.

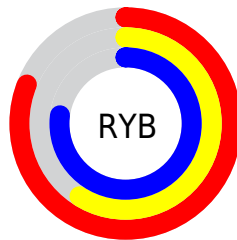
Distribution



Red (81%)

Green (59%)

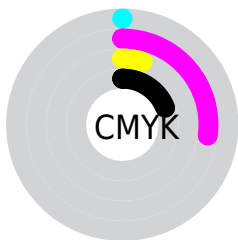
Blue (77%)



Red (81%)

Yellow (59%)

Blue (77%)

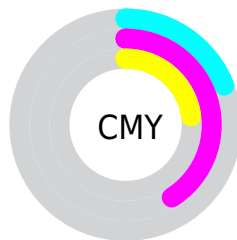


Cyan (0%)

Magenta (27%)

Yellow (5%)

Black (19%)



Cyan (19%)


Magenta (41%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 32.321, 331.476 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, 32.321, 331.476 by changing the saturation by 10% instead.


 69, 32.321,
331.476

 69, 32.321,
331.476

 100, 32.321,
331.476


 59, 32.321,
331.476


 89, 32.321,
331.476

 49, 32.321,
331.476

 99, 32.321,
331.476

 39, 32.321,
331.476

 29, 32.321,
331.476

 19, 32.321,
331.476

 9, 32.321, 331.476

 0, 32.321, 331.476

69, 32.321,
331.476

69, 32.321,
331.476

64, 44.032,
332.139

74, 20.353,
330.828

60, 55.145,
332.814

79, 8.383, 330.183

56, 65.207,
333.506

85, 3.430, 149.709

90, 14.985,
149.064

53, 73.695,
334.219

96, 26.228,
148.505

50, 80.098,
334.969

96, 25.220,
151.063

48, 84.055,
335.780


96, 23.811,
154.038

47, 85.566,
336.683

96, 22.466,
157.364

47, 85.792,

336.958

 96, 21.196,
161.086

Harmonies

Complementary

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



69, 32.321, 331.476



78, 32.206, 147.811

Rectangle

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



69, 32.321, 331.476



69, 32.321, 21.476



69, 32.321, 151.476



69, 32.321, 201.476

Sweetspot

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



69, 32.319, 331.476



95, 11.250, 330.251



65, 31.413, 299.052



50, 8.003, 330.350



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, 32.319, 331.476



81, 45.200, 331.827



68, 23.827, 356.556



41, 6.798, 330.336



38, 73.737, 336.808



5, 27.106, 334.655

Inverse Universe

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



69, 32.319, 331.476



81, 45.200, 331.827



79, 22.215, 171.060



41, 6.798, 330.336



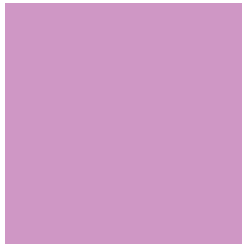
38, 73.737, 336.808



5, 27.106, 334.655

Previews

White Background



This preview shows how the CIELCh color 69, 32.321, 331.476 looks on a white background.

Color Contrast Check

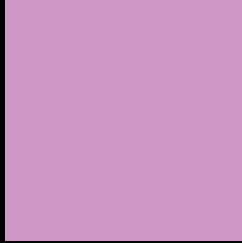
Large Text (above 18pt) WCAG AA × Fail

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, 32.321, 331.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

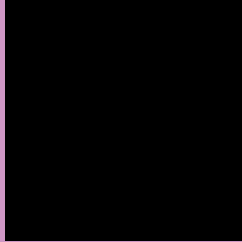
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 32.321, 331.476

Background



This preview shows how black text looks on a background with the CIELCh color 69, 32.321, 331.476.



This preview shows how white text looks on a background with the CIELCh color 69, 32.321, 331.476.

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, 19.333, 1.552

Trichromacy



Original Color
69, 32.321, 331.476

Protanomaly
69, 24.343, 304.858

Deuteranomaly
69, 22.001, 317.208

Tritanomaly
69, 23.006, 346.985

Monochromacy



Original Color
69, 32.321, 331.476

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 11.973, 329.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 32.321, 331.476 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(207, 151, 197)` looks like.

```
.text, #text, p{  
    color:rgb(207, 151, 197)  
}
```

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(207, 151, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 151, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 32.321, 331.476 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(207, 151, 197) }
```

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

```
.border{ border-color:rgb(207, 151, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 151, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 151, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 151, 197);  
box-shadow:4px 4px 4px 4px rgb(207, 151,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 32.321, 331.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 151, 197) }
```

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

```
.background{ background-color: rgb(207,  
151, 197) }
```

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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