

Converting Colors

CIELCh(69, 33.391, 322.905)

Have a look what the booklet for
CIELCh(69, 33.391, 322.905)
contains.

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Color

CIELCh(69, 33.097, 323.048)

Conversions

Conversions Part 1

Format	Color
Hex	C899CD
RGB	200, 153, 205
RGB Percent	78%, 60%, 80%
CMY	0.2167, 0.4009, 0.1971
CMYK	0.02, 0.25, 0.00, 0.20
HSL	294°, 34%, 70%
HSV	294°, 25%, 80%
XYZ	46.0932, 39.3444, 62.7631
YIQ	172.9810, 11.3200, 26.1360

Conversions

Conversions Part 2

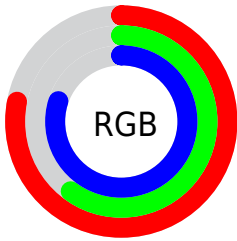
Format	Color
RYB	200, 153, 205
Decimal	13146573
CIELab	69.00, 26.45, -19.90
CIELCh	69, 33.097, 323.048
Yxy	39.3444, 0.3110, 0.2655
Android (android.graphics.Color)	4291336653 (0xFFC899CD)
YUV	172.9810, 15.7854, 23.6957
Hunter-Lab	62.7251, 21.4009, -15.4184

Details

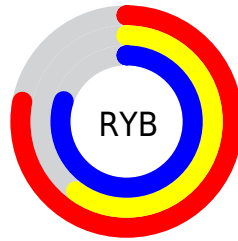
The CIELCh color $69, 33.097, 323.048$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 32.923, 140.341$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 29.467, 325.450$, and $49, 33.463, 322.667$ is the 20% darker color. If you saturate the color by 10%, you get $64, 46.042, 323.515$, and if you desaturate by 10%, it is $74, 19.993, 322.559$.

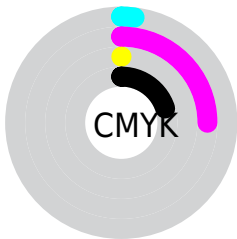
Distribution



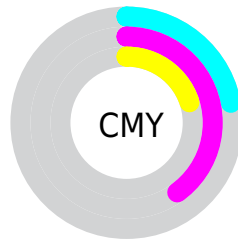
- Red (78%)
- Green (60%)
- Blue (80%)



- Red (78%)
- Yellow (60%)
- Blue (80%)



- Cyan (2%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)





- Cyan (22%)
- Magenta (40%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 33.097, 323.048 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, 33.097, 323.048 by changing the saturation by 10% instead.

 69, 33.097,
323.048


 69, 33.097,
323.048


 100, 33.097,
323.048


 59, 33.097,
323.048


 89, 33.097,
323.048

 49, 33.097,
323.048

 99, 33.097,
323.048

 39, 33.097,
323.048

 29, 33.097,
323.048

 19, 33.097,
323.048

 9, 33.097, 323.048

 0, 33.097, 323.048

69, 33.097,
323.048

69, 33.097,
323.048

64, 46.042,
323.515

74, 19.993,
322.559

60, 58.518,
323.942

79, 6.955, 322.048

55, 70.099,
324.305

85, 5.874, 141.644

90, 18.408,
141.153

52, 80.270,
324.576

96, 30.516,
140.702

49, 88.490,
324.726

96, 30.135,
139.643

47, 94.319,
324.731


96, 29.764,
138.551

46, 97.592,
324.578

96, 29.403,
137.425

45, 98.578,

324.475

 96, 29.052,
136.265

Harmonies

Complementary

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



69, 33.097, 323.048



78, 32.923, 140.341

Rectangle

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



69, 33.097, 323.048



69, 33.097, 13.048



69, 33.097, 143.048



69, 33.097, 193.048

Sweetspot

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



69, 33.095, 323.048



95, 12.361, 322.192



66, 25.949, 289.008



50, 8.794, 322.270



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, 33.095, 323.048



81, 46.721, 323.285



69, 25.821, 340.664



40, 7.319, 322.258



36, 84.238, 324.530



4, 28.069, 323.760

Inverse Universe

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



68, 20.782, 13.911



80, 29.786, 14.576



78, 25.350, 156.503



40, 4.397, 12.164



34, 71.684, 35.667



4, 17.992, 14.675

Previews

White Background



This preview shows how the CIELCh color 69, 33.097, 323.048 looks on a white background.

Color Contrast Check

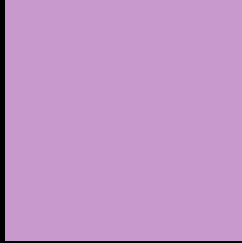
Large Text (above 18pt) WCAG AA × Fail

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, 33.097, 323.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

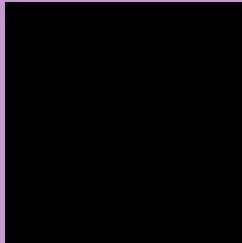
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 33.097, 323.048

Background



This preview shows how black text looks on a background with the CIELCh color 69, 33.097, 323.048.



This preview shows how white text looks on a background with the CIELCh color 69, 33.097, 323.048.

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, 33.097, 323.048

Protanopia
69, 26.464, 285.661

Deuteranopia
69, 20.400, 295.114



Tritanopia
69, 15.291, 355.498

Trichromacy



Original Color
69, 33.097, 323.048

Protanomaly
69, 27.304, 300.682

Deuteranomaly
69, 24.152, 308.413

Tritanomaly
69, 20.664, 337.870

Monochromacy



Original Color
69, 33.097, 323.048

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 12.213, 322.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 33.097, 323.048 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(200, 153, 205)` looks like.

```
.text, #text, p{  
    color:rgb(200, 153, 205)  
}
```

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(200, 153, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 153, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 33.097, 323.048 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(200, 153, 205) }
```

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

```
.border{ border-color:rgb(200, 153, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 153, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 153, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 153, 205);  
box-shadow:4px 4px 4px 4px rgb(200, 153,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 33.097, 323.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 153, 205) }
```

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

```
.background{ background-color: rgb(200,  
153, 205) }
```

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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