

Converting Colors

CIELCh(69, 30.063, 333.671)

Have a look what the booklet for
CIELCh(69, 30.063, 333.671)
contains.

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Color

CIELCh(69, 29.881, 333.735)

Conversions

Conversions Part 1

Format	Color
Hex	CE98C1
RGB	206, 152, 193
RGB Percent	81%, 60%, 76%
CMY	0.1928, 0.4045, 0.2438
CMYK	0.00, 0.26, 0.06, 0.19
HSL	314°, 35%, 70%
HSV	314°, 26%, 81%
XYZ	46.2154, 39.3444, 55.5130
YIQ	172.8200, 19.0230, 24.1990

Conversions

Conversions Part 2

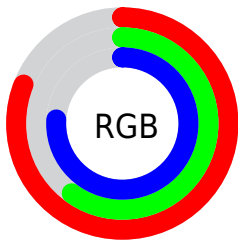
Format	Color
R_{YB}	206, 152, 193
Decimal	13539521
CIE Lab	69.00, 26.80, -13.22
CIE LCh	69, 29.881, 333.735
Yxy	39.3444, 0.3276, 0.2789
Android (android.graphics.Color)	4291729601 (0xFFCE98C1)
YUV	172.8200, 9.9487, 29.0989
Hunter-Lab	62.7251, 21.7487, -8.5653

Details

The CIELCh color $69, 29.881, 333.735$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 29.693, 150.017$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 27.632, 329.157$, and $49, 29.950, 334.012$ is the 20% darker color. If you saturate the color by 10%, you get $64, 41.113, 334.466$, and if you desaturate by 10%, it is $74, 18.443, 333.035$.

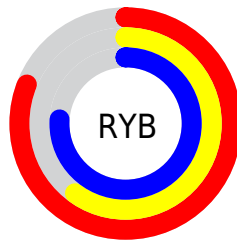
Distribution



Red (81%)

Green (60%)

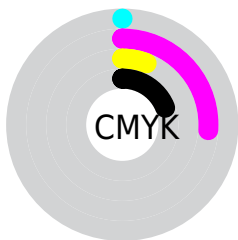
Blue (76%)



Red (81%)

Yellow (60%)

Blue (76%)

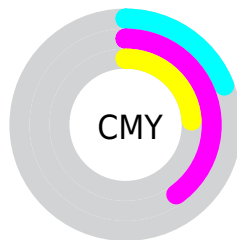


Cyan (0%)

Magenta (26%)

Yellow (6%)

Black (19%)



Cyan (19%)


Magenta (40%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 29.881, 333.735 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, 29.881, 333.735 by changing the saturation by 10% instead.

 69, 29.881,
333.735


 69, 29.881,
333.735


 100, 29.881,
333.735


 59, 29.881,
333.735


 89, 29.881,
333.735

 49, 29.881,
333.735

 99, 29.881,
333.735

 39, 29.881,
333.735

 29, 29.881,
333.735

 19, 29.881,
333.735

 9, 29.881, 333.735

 0, 29.881, 333.735

69, 29.881,
333.735

69, 29.881,
333.735

64, 41.113,
334.466

74, 18.443,
333.035

60, 51.820,
335.234

79, 7.034, 332.345

56, 61.566,
336.050

85, 4.202, 151.840

52, 69.838,
336.932

90, 15.177,
151.185

50, 76.116,
337.909

96, 25.846,
150.609

48, 80.009,
339.025

96, 24.100,
154.466


47, 81.444,
340.331

96, 22.322,
158.989

46, 81.650,

96, 20.689,
164.232

340.857

 96, 19.241,
170.294

Harmonies

Complementary

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



69, 29.881, 333.735



78, 29.693, 150.017

Rectangle

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



69, 29.881, 333.735



69, 29.881, 23.735



69, 29.881, 153.735



69, 29.881, 203.735

Sweetspot

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



69, 29.879, 333.736



95, 10.763, 332.477



66, 30.413, 301.252



50, 7.657, 332.583



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, 29.879, 333.736



81, 41.974, 334.108



68, 22.367, 1.134



40, 6.373, 332.567



37, 69.689, 340.614



5, 23.845, 337.439

Inverse Universe

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



69, 29.879, 333.736



81, 41.974, 334.108



79, 20.512, 175.798



40, 6.373, 332.567



37, 69.689, 340.614



5, 23.845, 337.439

Previews

White Background



This preview shows how the CIELCh color 69, 29.881, 333.735 looks on a white background.

Color Contrast Check

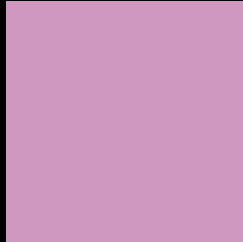
Large Text (above 18pt) WCAG AA × Fail

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, 29.881, 333.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

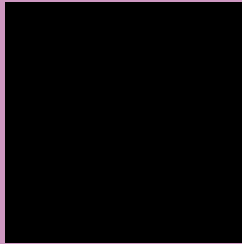
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 29.881, 333.735

Background



This preview shows how black text looks on a background with the CIELCh color 69, 29.881, 333.735.



This preview shows how white text looks on a background with the CIELCh color 69, 29.881, 333.735.

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, 29.881, 333.735

Protanomaly
69, 21.770, 307.244

Deuteranomaly
69, 19.573, 320.683

Tritanomaly
69, 22.732, 348.154

Monochromacy



Original Color
69, 29.881, 333.735

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 11.155, 333.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 29.881, 333.735 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(206, 152, 193)` looks like.

```
.text, #text, p{  
    color:rgb(206, 152, 193)  
}
```

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(206, 152, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 152, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 29.881, 333.735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

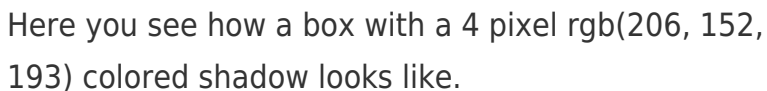
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 152, 193) }
```

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

```
.border{ border-color:rgb(206, 152, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 152, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 152, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 152, 193); box-shadow:4px 4px 4px 4px rgb(206, 152, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 29.881, 333.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 152, 193) }
```

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

```
.background{ background-color: rgb(206,  
152, 193) }
```

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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