

Converting Colors

CIELCh(68, 29.602, 341.188)

Have a look what the booklet for
CIELCh(68, 29.602, 341.188)
contains.

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Color

CIELCh(68, 29.735, 340.985)

Conversions

Conversions Part 1

Format	Color
Hex	D094B8
RGB	208, 148, 184
RGB Percent	82%, 58%, 72%
CMY	0.1849, 0.4202, 0.2790
CMYK	0.00, 0.29, 0.12, 0.18
HSL	324°, 39%, 70%
HSV	324°, 29%, 82%
XYZ	45.1677, 37.9720, 50.2098
YIQ	170.0440, 24.2040, 23.9160

Conversions

Conversions Part 2

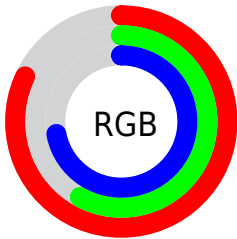
Format	Color
R _Y B	208, 148, 184
Decimal	13669560
CIE Lab	68.00, 28.11, -9.69
CIE LCh	68, 29.735, 340.985
Yxy	37.9720, 0.3387, 0.2848
Android (android.graphics.Color)	4291859640 (0xFFD094B8)
YUV	170.0440, 6.8803, 33.2874
Hunter-Lab	61.6215, 23.0006, -5.1750

Details

The CIELCh color $68, 29.735, 340.985$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 29.129, 156.149$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 26.713, 335.243$, and $48, 30.130, 341.015$ is the 20% darker color. If you saturate the color by 10%, you get $63, 39.920, 341.973$, and if you desaturate by 10%, it is $73, 19.358, 340.091$.

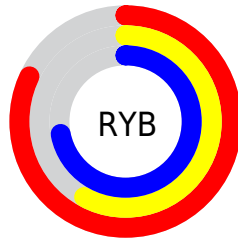
Distribution



Red (82%)

Green (58%)

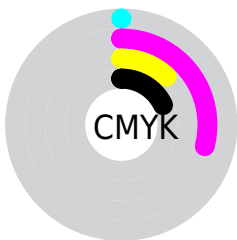
Blue (72%)



Red (82%)

Yellow (58%)

Blue (72%)

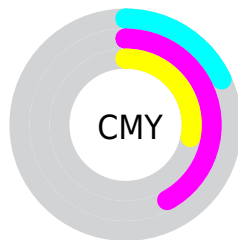


Cyan (0%)

Magenta (29%)

Yellow (12%)

Black (18%)



Cyan (18%)


Magenta (42%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 29.735, 340.985 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 68, 29.735, 340.985 by changing the saturation by 10% instead.


 68, 29.735,
340.985


 68, 29.735,
340.985


 100, 29.735,
340.985


 58, 29.735,
340.985


 88, 29.735,
340.985

 48, 29.735,
340.985

 98, 29.735,
340.985

 38, 29.735,
340.985

 28, 29.735,
340.985

 18, 29.735,
340.985

 8, 29.735, 340.985

 0, 29.735, 340.985

68, 29.735,
340.985

68, 29.735,
340.985

63, 39.920,
341.973

73, 19.358,
340.091

59, 49.593,
343.085

79, 9.021, 339.257

55, 58.314,
344.365

84, 1.136, 158.888

51, 65.567,
345.881

90, 11.033,
157.893

48, 70.851,
347.725

95, 20.629,
157.233

47, 73.839,
350.016

96, 19.750,
164.706


46, 74.733,
352.833

97, 17.499,
175.990

45, 74.800,

97, 16.049,
189.864

353.168

 97, 15.678,
198.463

Harmonies

Complementary

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



68, 29.735, 340.985



79, 29.129, 156.149

Rectangle

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



68, 29.735, 340.985



68, 29.735, 30.985



68, 29.735, 160.985



68, 29.735, 210.985

Sweetspot

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



68, 29.732, 340.986



94, 10.818, 339.277



65, 34.414, 306.561



49, 7.528, 339.398



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 29.732, 340.986



78, 42.523, 341.621



67, 24.187, 12.788



41, 5.807, 339.302



37, 64.098, 352.660



5, 23.041, 347.293

Inverse Universe

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



68, 29.732, 340.986



78, 42.523, 341.621



79, 20.786, 187.484



41, 5.807, 339.302



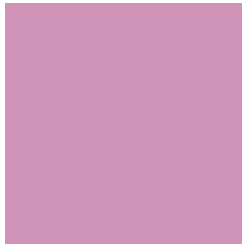
37, 64.098, 352.660



5, 23.041, 347.293

Previews

White Background



This preview shows how the CIELCh color 68, 29.735, 340.985 looks on a white background.

Color Contrast Check

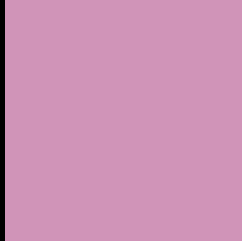
Large Text (above 18pt) WCAG AA × Fail

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 68, 29.735, 340.985 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 68, 29.735, 340.985

Background



This preview shows how black text looks on a background with the CIELCh color 68, 29.735, 340.985.



This preview shows how white text looks on a background with the CIELCh color 68, 29.735, 340.985.

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
68, 29.735, 340.985

Protanopia
68, 16.576, 285.823

Deuteranopia
68, 12.238, 316.178



Tritanopia
68, 21.570, 5.438

Trichromacy



Original Color
68, 29.735, 340.985

Protanomaly
68, 18.898, 311.943

Deuteranomaly
68, 18.428, 330.197

Tritanomaly
68, 24.324, 353.777

Monochromacy



Original Color
68, 29.735, 340.985

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 10.984, 339.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 29.735, 340.985 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(208, 148, 184)` looks like.

```
.text, #text, p{  
    color:rgb(208, 148, 184)  
}
```

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(208, 148, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 148, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 29.735, 340.985 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(208, 148, 184) }
```

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

```
.border{ border-color:rgb(208, 148, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 148, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 148, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 148, 184);  
box-shadow:4px 4px 4px 4px rgb(208, 148,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 29.735, 340.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 148, 184) }
```

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

```
.background{ background-color: rgb(208,  
148, 184) }
```

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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