

Converting Colors

CIELCh(69, 27.228, 342.246)

Have a look what the booklet for
CIELCh(69, 27.228, 342.246)
contains.

CIELCh(69, 27.228, 342.246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 27.228, 342.246)

Conversions

Conversions Part 1

Format	Color
Hex	D098B8
RGB	208, 152, 184
RGB Percent	82%, 60%, 72%
CMY	0.1842, 0.4038, 0.2783
CMYK	0.00, 0.27, 0.12, 0.18
HSL	326°, 37%, 71%
HSV	326°, 27%, 82%
XYZ	45.9112, 39.3444, 50.5406
YIQ	172.3920, 23.1040, 21.8240

Conversions

Conversions Part 2

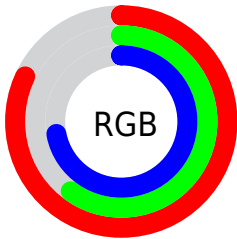
Format	Color
R _Y B	208, 152, 184
Decimal	13670584
CIE Lab	69.00, 25.93, -8.30
CIE LCh	69, 27.228, 342.246
Yxy	39.3444, 0.3381, 0.2897
Android (android.graphics.Color)	4291860664 (0xFFD098B8)
YUV	172.3920, 5.7227, 31.2282
Hunter-Lab	62.7251, 20.8828, -3.8652

Details

The CIELCh color $69, 27.228, 342.246$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 26.611, 157.664$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 24.232, 336.132$, and $49, 27.524, 342.238$ is the 20% darker color. If you saturate the color by 10%, you get $64, 37.318, 343.263$, and if you desaturate by 10%, it is $74, 17.017, 341.330$.

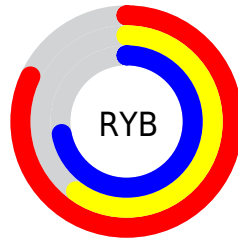
Distribution



Red (82%)

Green (60%)

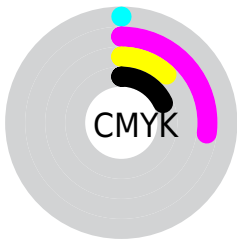
Blue (72%)



Red (82%)

Yellow (60%)

Blue (72%)

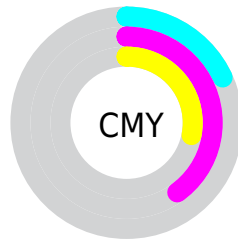


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (18%)



Cyan (18%)


Magenta (40%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 27.228, 342.246 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, 27.228, 342.246 by changing the saturation by 10% instead.

 69, 27.228,
342.246

 69, 27.228,
342.246


 100, 27.228,
342.246


 59, 27.228,
342.246


 89, 27.228,
342.246

 49, 27.228,
342.246

 99, 27.228,
342.246

 39, 27.228,
342.246

 29, 27.228,
342.246

 19, 27.228,
342.246

 9, 27.228, 342.246

 0, 27.228, 342.246

69, 27.228,
342.246

69, 27.228,
342.246

64, 37.318,
343.263

74, 17.017,
341.330

59, 46.993,
344.412

80, 6.893, 340.471

55, 55.840,
345.744

85, 3.022, 159.900

52, 63.360,
347.328

91, 12.662,
159.102

49, 69.040,
349.265

96, 21.370,
158.933

47, 72.513,
351.682

96, 18.578,
169.455

46, 73.787,
354.705

97, 16.552,
183.007

45, 73.998,

97, 15.616,
198.467

355.710

Harmonies

Complementary

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



69, 27.228, 342.246



79, 26.611, 157.664

Rectangle

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



69, 27.228, 342.246



69, 27.228, 32.246



69, 27.228, 162.246



69, 27.228, 212.246

Sweetspot

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



69, 27.225, 342.247



95, 9.415, 340.573



67, 32.169, 307.562



50, 6.702, 340.703



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, 27.225, 342.247



80, 38.202, 342.788



68, 22.420, 15.106



41, 5.692, 340.685



36, 63.349, 355.143



5, 22.642, 349.227

Inverse Universe

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



69, 27.225, 342.247



80, 38.202, 342.788



80, 19.251, 190.544



41, 5.692, 340.685



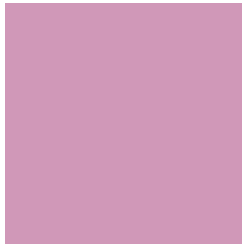
36, 63.349, 355.143



5, 22.642, 349.227

Previews

White Background



This preview shows how the CIELCh color 69, 27.228, 342.246 looks on a white background.

Color Contrast Check

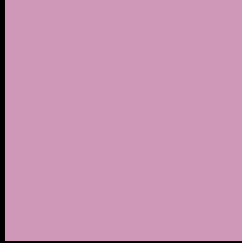
Large Text (above 18pt) WCAG AA × Fail

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 69, 27.228, 342.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

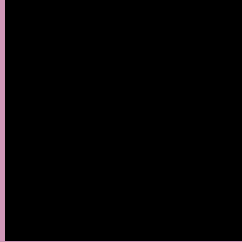
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 27.228, 342.246

Background



This preview shows how black text looks on a background with the CIELCh color 69, 27.228, 342.246.



This preview shows how white text looks on a background with the CIELCh color 69, 27.228, 342.246.

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, 20.851, 3.229

Trichromacy



Original Color
69, 27.228, 342.246

Protanomaly
69, 16.809, 314.504

Deuteranomaly
69, 16.897, 332.719

Tritanomaly
69, 22.774, 354.672

Monochromacy



Original Color
69, 27.228, 342.246

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 9.686, 341.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 27.228, 342.246 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, 152, 184)` looks like.

```
.text, #text, p{  
    color:rgb(208, 152, 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, 152, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 152, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 27.228, 342.246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

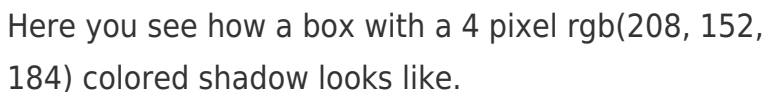
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 152, 184) }
```

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

```
.border{ border-color:rgb(208, 152, 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, 152, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 152, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 152, 184);  
box-shadow:4px 4px 4px 4px rgb(208, 152,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 27.228, 342.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 152, 184) }
```

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

```
.background{ background-color: rgb(208,  
152, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor