

Converting Colors

CIELCh(69, 29.760, 349.424)

Have a look what the booklet for
CIELCh(69, 29.760, 349.424)
contains.

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Color

CIELCh(69, 29.738, 349.199)

Conversions

Conversions Part 1

Format	Color
Hex	D795B3
RGB	215, 149, 179
RGB Percent	84%, 58%, 70%
CMY	0.1557, 0.4146, 0.2969
CMYK	0.00, 0.31, 0.17, 0.16
HSL	333°, 45%, 71%
HSV	333°, 31%, 84%
XYZ	47.0723, 39.3444, 47.9146
YIQ	172.1540, 29.7060, 23.3220

Conversions

Conversions Part 2

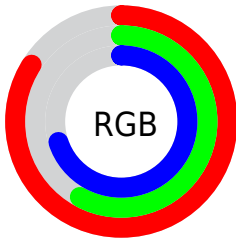
Format	Color
R _Y B	215, 149, 179
Decimal	14128563
CIE Lab	69.00, 29.21, -5.57
CIE LCh	69, 29.738, 349.199
Yxy	39.3444, 0.3504, 0.2929
Android (android.graphics.Color)	4292318643 (0xFFD795B3)
YUV	172.1540, 3.3751, 37.5759
Hunter-Lab	62.7251, 24.1872, -1.3831

Details

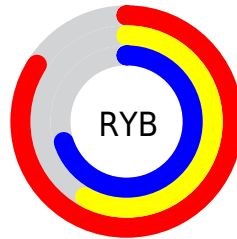
The CIELCh color $69, 29.738, 349.199$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 28.362, 163.245$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 24.381, 339.832$, and $49, 29.796, 349.337$ is the 20% darker color. If you saturate the color by 10%, you get $64, 39.467, 350.496$, and if you desaturate by 10%, it is $74, 19.888, 348.077$.

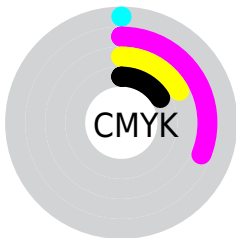
Distribution



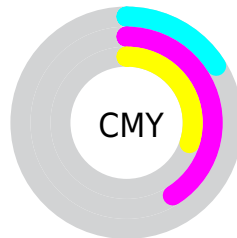
- Red (84%)
- Green (58%)
- Blue (70%)



- Red (84%)
- Yellow (58%)
- Blue (70%)



- Cyan (0%)
- Magenta (31%)
- Yellow (17%)
- Black (16%)





- Cyan (16%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 29.738, 349.199 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, 29.738, 349.199 by changing the saturation by 10% instead.

 69, 29.738,
349.199

 69, 29.738,
349.199


 100, 29.738,
349.199


 59, 29.738,
349.199


 89, 29.738,
349.199

 49, 29.738,
349.199

 99, 29.738,
349.199

 39, 29.738,
349.199

 29, 29.738,
349.199

 19, 29.738,
349.199

 9, 29.738, 349.199

 0, 29.738, 349.199

69, 29.738,
349.199

69, 29.738,
349.199

64, 39.467,
350.496

74, 19.888,
348.077

59, 48.762,
352.026

80, 10.142,
347.072

55, 57.188,
353.879

86, 0.627, 345.525

92, 8.587, 165.496

52, 64.246,
356.179

97, 16.364,
166.345

49, 69.484,
359.085

97, 13.764,
187.328

47, 72.697, 2.772

97, 13.314,
198.617

46, 74.302, 6.912

Harmonies

Complementary

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



69, 29.738, 349.199



81, 28.362, 163.245

Rectangle

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



69, 29.738, 349.199



69, 29.738, 39.199



69, 29.738, 169.199



69, 29.738, 219.199

Sweetspot

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



69, 29.735, 349.201



94, 9.800, 346.919



67, 38.535, 311.663



49, 6.823, 347.062



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, 29.735, 349.201



77, 41.222, 350.045



69, 25.993, 24.468



42, 5.367, 346.951



36, 62.539, 6.075



5, 23.115, 357.271

Inverse Universe

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



69, 29.735, 349.201



77, 41.222, 350.045



81, 20.979, 201.169



42, 5.367, 346.951



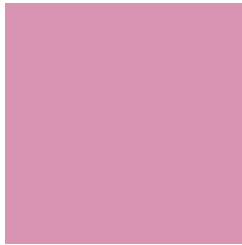
36, 62.539, 6.075



5, 23.115, 357.271

Previews

White Background



This preview shows how the CIELCh color 69, 29.738, 349.199 looks on a white background.

Color Contrast Check

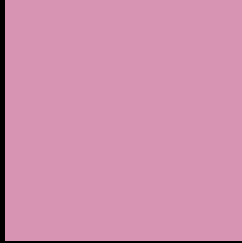
Large Text (above 18pt) WCAG AA × Fail

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, 29.738, 349.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

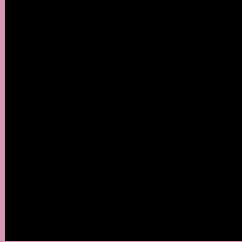
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 29.738, 349.199

Background



This preview shows how black text looks on a background with the CIELCh color 69, 29.738, 349.199.



This preview shows how white text looks on a background with the CIELCh color 69, 29.738, 349.199.

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, 24.740, 6.645

Trichromacy



Original Color
69, 29.738, 349.199

Protanomaly
69, 16.489, 320.794

Deuteranomaly
69, 16.835, 342.885

Tritanomaly
69, 26.380, 359.088

Monochromacy



Original Color
69, 29.738, 349.199

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.930, 347.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 29.738, 349.199 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(215, 149, 179)` looks like.

```
.text, #text, p{  
    color:rgb(215, 149, 179)  
}
```

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(215, 149, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 149, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 29.738, 349.199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

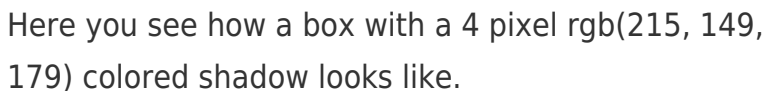
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 149, 179) }
```

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

```
.border{ border-color:rgb(215, 149, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 149, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 149, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 149, 179);  
box-shadow:4px 4px 4px 4px rgb(215, 149,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 29.738, 349.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 149, 179) }
```

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

```
.background{ background-color: rgb(215,  
149, 179) }
```

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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