

Converting Colors

CIELCh(68, 28.949, 348.931)

Have a look what the booklet for
CIELCh(68, 28.949, 348.931)
contains.

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Color

CIELCh(68, 29.167, 348.299)

Conversions

Conversions Part 1

Format	Color
Hex	D393B1
RGB	211, 147, 177
RGB Percent	83%, 58%, 69%
CMY	0.1719, 0.4229, 0.3052
CMYK	0.00, 0.30, 0.16, 0.17
HSL	332°, 42%, 70%
HSV	332°, 30%, 83%
XYZ	45.3236, 37.9720, 46.6208
YIQ	169.5560, 28.5140, 22.8980

Conversions

Conversions Part 2

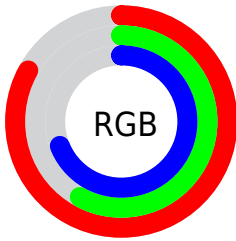
Format	Color
R _Y B	211, 147, 177
Decimal	13865905
CIE Lab	68.00, 28.56, -5.92
CIE LCh	68, 29.167, 348.299
Yxy	37.9720, 0.3489, 0.2923
Android (android.graphics.Color)	4292055985 (0xFFD393B1)
YUV	169.5560, 3.6699, 36.3464
Hunter-Lab	61.6215, 23.4522, -1.7219

Details

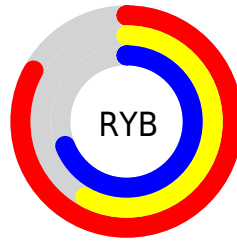
The CIELCh color $68, 29.167, 348.299$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 27.920, 162.503$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 24.958, 341.020$, and $48, 29.219, 348.349$ is the 20% darker color. If you saturate the color by 10%, you get $63, 38.807, 349.559$, and if you desaturate by 10%, it is $73, 19.404, 347.204$.

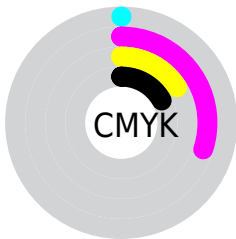
Distribution



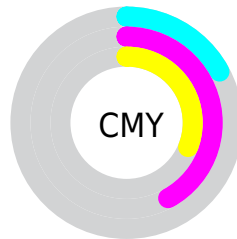
- Red (83%)
- Green (58%)
- Blue (69%)



- Red (83%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (17%)



- Cyan (17%)
- Magenta (42%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 29.167, 348.299 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, 29.167, 348.299 by changing the saturation by 10% instead.

 68, 29.167,
348.299

 68, 29.167,
348.299

 100, 29.167,
348.299

 58, 29.167,
348.299

 88, 29.167,
348.299

 48, 29.167,
348.299

 98, 29.167,
348.299

 38, 29.167,
348.299

 28, 29.167,
348.299

 18, 29.167,
348.299

 8, 29.167, 348.299

 0, 29.167, 348.299

68, 29.167,
348.299

68, 29.167,
348.299

63, 38.807,
349.559

73, 19.404,
347.204

58, 48.015,
351.038

79, 9.738, 346.219

84, 0.296, 343.930

54, 56.365,
352.821

90, 8.854, 164.667

51, 63.362,
355.025

96, 17.682,
163.929

48, 68.551,
357.802

97, 15.960,
178.673

46, 71.705, 1.324

97, 14.629,
198.531

45, 73.245, 5.457

Harmonies

Complementary

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



68, 29.167, 348.299



80, 27.920, 162.503

Rectangle

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



68, 29.167, 348.299



68, 29.167, 38.299



68, 29.167, 168.299



68, 29.167, 218.299

Sweetspot

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



68, 29.164, 348.301



94, 9.891, 346.103



66, 37.382, 311.095



49, 6.886, 346.243



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, 29.164, 348.301



77, 40.417, 349.043



67, 25.642, 23.166



41, 5.310, 346.132



36, 61.888, 4.649



5, 21.516, 355.942

Inverse Universe

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



68, 29.164, 348.301



77, 40.417, 349.043



80, 20.798, 199.517



41, 5.310, 346.132



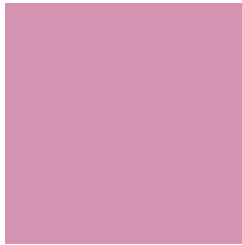
36, 61.888, 4.649



5, 21.516, 355.942

Previews

White Background



This preview shows how the CIELCh color 68, 29.167, 348.299 looks on a white background.

Color Contrast Check

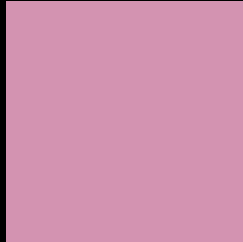
Large Text (above 18pt) WCAG AA × Fail

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 68, 29.167, 348.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

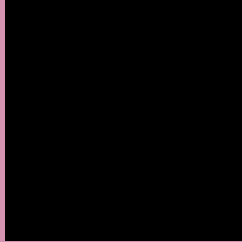
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 29.167, 348.299

Background



This preview shows how black text looks on a background with the CIELCh color 68, 29.167, 348.299.




This preview shows how white text looks on a background with the CIELCh color 68, 29.167, 348.299.

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
68, 23.940, 7.359

Trichromacy



Original Color
68, 29.167, 348.299

Protanomaly
68, 15.871, 320.596

Deuteranomaly
68, 16.924, 340.572

Tritanomaly
68, 25.555, 359.489

Monochromacy



Original Color
68, 29.167, 348.299

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 10.637, 345.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 29.167, 348.299 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(211, 147, 177)` looks like.

```
.text, #text, p{  
    color:rgb(211, 147, 177)  
}
```

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(211, 147, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 147, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 29.167, 348.299 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(211, 147, 177) }
```

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

```
.border{ border-color:rgb(211, 147, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 147, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 147, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 147, 177); box-shadow:4px 4px 4px 4px rgb(211, 147, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 29.167, 348.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 147, 177) }
```

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

```
.background{ background-color: rgb(211,  
147, 177) }
```

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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