

Converting Colors

CIELCh(68, 36.315, 327.505)

Have a look what the booklet for
CIELCh(68, 36.315, 327.505)
contains.

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Color

CIELCh(68, 36.148, 327.951)

Conversions

Conversions Part 1

Format	Color
Hex	CD93C9
RGB	205, 147, 201
RGB Percent	80%, 58%, 79%
CMY	0.1968, 0.4242, 0.2125
CMYK	0.00, 0.28, 0.02, 0.20
HSL	304°, 37%, 69%
HSV	304°, 28%, 80%
XYZ	46.0508, 37.9720, 60.0448
YIQ	170.4980, 17.2340, 29.0900

Conversions

Conversions Part 2

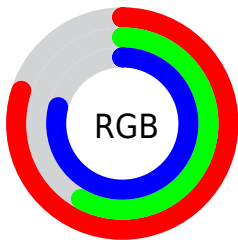
Format	Color
R_{YB}	205, 147, 201
Decimal	13472713
CIE _{Lab}	68.00, 30.64, -19.18
CIE _{LCh}	68, 36.148, 327.951
Yxy	37.9720, 0.3196, 0.2636
Android (android.graphics.Color)	4291662793 (0xFFCD93C9)
YUV	170.4980, 15.0375, 30.2583
Hunter-Lab	61.6215, 25.5586, -14.6380

Details

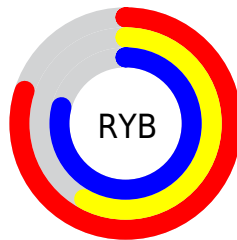
The CIELCh color $68, 36.148, 327.951$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 36.123, 144.365$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 33.240, 325.581$, and $48, 36.513, 327.936$ is the 20% darker color. If you saturate the color by 10%, you get $63, 48.579, 328.513$, and if you desaturate by 10%, it is $73, 23.383, 327.377$.

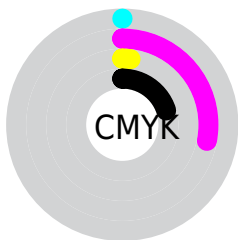
Distribution



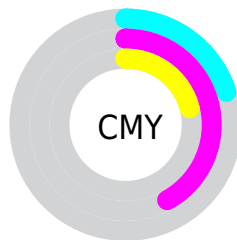
- Red (80%)
- Green (58%)
- Blue (79%)



- Red (80%)
- Yellow (58%)
- Blue (79%)



- Cyan (0%)
- Magenta (28%)
- Yellow (2%)
- Black (20%)





- Cyan (20%)
- Magenta (42%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 36.148, 327.951 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, 36.148, 327.951 by changing the saturation by 10% instead.


 68, 36.148,
327.951


 68, 36.148,
327.951


 100, 36.148,
327.951


 58, 36.148,
327.951


 88, 36.148,
327.951

 48, 36.148,
327.951

 98, 36.148,
327.951

 38, 36.148,
327.951

 28, 36.148,
327.951

 18, 36.148,
327.951

 8, 36.148, 327.951

 0, 36.148, 327.951

68, 36.148,
327.951

68, 36.148,
327.951

63, 48.579,
328.513

73, 23.383,
327.377

59, 60.307,
329.051

78, 10.566,
326.793

56, 70.862,
329.557

83, 2.117, 146.391

53, 79.722,
330.020

89, 14.546,
145.732

50, 86.412,
330.436

94, 26.652,
145.198

49, 90.636,
330.807

96, 29.577,
145.638


48, 92.542,
331.147

96, 28.995,
146.478

48, 92.778,

96, 28.419,
147.350

331.203

 96, 27.848,
148.256

Harmonies

Complementary

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



68, 36.148, 327.951



77, 36.123, 144.365

Rectangle

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



68, 36.148, 327.951



68, 36.148, 17.951



68, 36.148, 147.951



68, 36.148, 197.951

Sweetspot

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



68, 36.146, 327.951



95, 12.147, 326.781



63, 32.535, 295.818



50, 8.641, 326.871



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, 36.146, 327.951



80, 51.689, 328.297



67, 26.020, 350.199



40, 7.192, 326.858



39, 79.339, 331.155



5, 27.473, 329.842

Inverse Universe

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



68, 36.146, 327.951



80, 51.689, 328.297



78, 24.798, 164.716



40, 7.192, 326.858



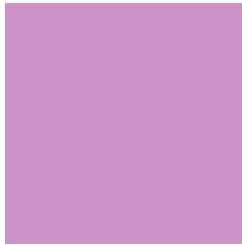
39, 79.339, 331.155



5, 27.473, 329.842

Previews

White Background



This preview shows how the CIELCh color 68, 36.148, 327.951 looks on a white background.

Color Contrast Check

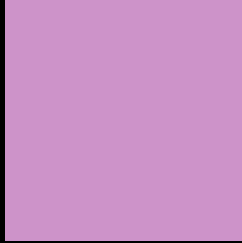
Large Text (above 18pt) WCAG AA × Fail

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, 36.148, 327.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

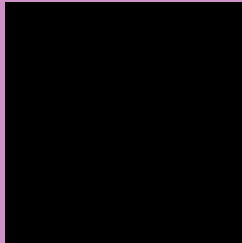
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 36.148, 327.951

Background



This preview shows how black text looks on a background with the CIELCh color 68, 36.148, 327.951.

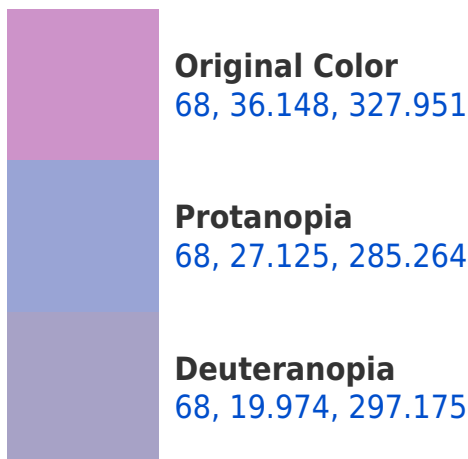


This preview shows how white text looks on a background with the CIELCh color 68, 36.148, 327.951.

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, 18.864, 2.713

Trichromacy



Original Color
68, 36.148, 327.951

Protanomaly
68, 28.662, 302.519

Deuteranomaly
68, 25.445, 312.800

Tritanomaly
68, 24.252, 344.295

Monochromacy



Original Color
68, 36.148, 327.951

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 13.093, 327.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 36.148, 327.951 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(205, 147, 201)` looks like.

```
.text, #text, p{  
    color:rgb(205, 147, 201)  
}
```

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(205, 147, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 147, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 36.148, 327.951 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(205, 147, 201) }
```

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

```
.border{ border-color:rgb(205, 147, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 147, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 147, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 147, 201);  
box-shadow:4px 4px 4px 4px rgb(205, 147,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 36.148, 327.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 147, 201) }
```

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

```
.background{ background-color: rgb(205,  
147, 201) }
```

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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