

Converting Colors

CIELCh(69, 37.176, 320.579)

Have a look what the booklet for
CIELCh(69, 37.176, 320.579)
contains.

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Color

CIELCh(69, 37.176, 320.579)

Conversions

Conversions Part 1

Format	Color
Hex	C897D3
RGB	200, 151, 211
RGB Percent	78%, 59%, 83%
CMY	0.2139, 0.4061, 0.1707
CMYK	0.05, 0.28, 0.00, 0.17
HSL	289°, 41%, 71%
HSV	289°, 28%, 83%
XYZ	46.8967, 39.3444, 67.0556
YIQ	172.4910, 9.9440, 29.0480

Conversions

Conversions Part 2

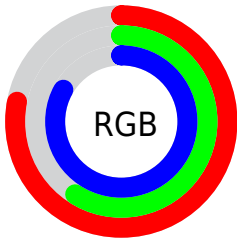
Format	Color
RYB	200, 151, 211
Decimal	13146067
CIELab	69.00, 28.72, -23.61
CIELCh	69, 37.176, 320.579
Yxy	39.3444, 0.3059, 0.2567
Android (android.graphics.Color)	4291336147 (0xFFC897D3)
YUV	172.4910, 18.9849, 24.1254
Hunter-Lab	62.7251, 23.6874, -19.4757

Details

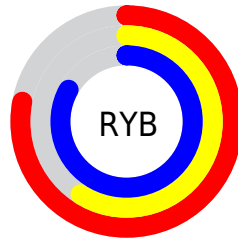
The CIELCh color $69, 37.176, 320.579$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 36.743, 137.797$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 30.725, 325.494$, and $49, 37.278, 320.600$ is the 20% darker color. If you saturate the color by 10%, you get $64, 50.233, 321.007$, and if you desaturate by 10%, it is $74, 23.974, 320.127$.

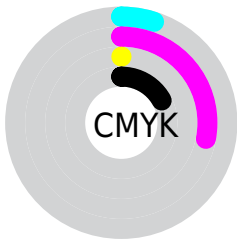
Distribution



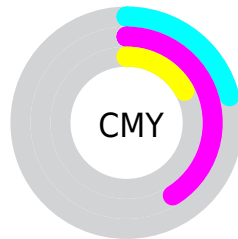
- Red (78%)
- Green (59%)
- Blue (83%)



- Red (78%)
- Yellow (59%)
- Blue (83%)



- Cyan (5%)
- Magenta (28%)
- Yellow (0%)
- Black (17%)





- Cyan (21%)
- Magenta (41%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 37.176, 320.579 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, 37.176, 320.579 by changing the saturation by 10% instead.


 69, 37.176,
320.579


 69, 37.176,
320.579


 100, 37.176,
320.579


 59, 37.176,
320.579


 89, 37.176,
320.579


 49, 37.176,
320.579

 99, 37.176,
320.579

 39, 37.176,
320.579

 29, 37.176,
320.579

 19, 37.176,
320.579

 9, 37.176, 320.579

 0, 37.176, 320.579

69, 37.176,
320.579

69, 37.176,
320.579

64, 50.233,
321.007

74, 23.974,
320.127

59, 62.831,
321.388

80, 10.850,
319.663

55, 74.525,
321.688

86, 2.059, 139.348

51, 84.760,
321.869

91, 14.672,
138.831

48, 92.939,
321.887

97, 25.627,
138.199

45, 98.573,
321.703

97, 24.944,
135.543


44, 101.635,
321.308

97, 24.315,
132.714

44, 102.038,

97, 23.747,
129.714

321.238

 98, 23.248,
126.549

Harmonies

Complementary

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



69, 37.176, 320.579



80, 36.743, 137.797

Rectangle

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



69, 37.176, 320.579



69, 37.176, 10.579



69, 37.176, 140.579



69, 37.176, 190.579

Sweetspot

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



69, 37.174, 320.579



94, 13.567, 319.697



68, 27.180, 285.298



49, 9.439, 319.766



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, 37.174, 320.579



78, 51.849, 320.839



69, 31.361, 337.049



41, 7.283, 319.711



34, 86.053, 321.341



4, 29.484, 320.834

Inverse Universe

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



69, 24.296, 7.624



78, 34.316, 8.521



80, 30.995, 152.672



41, 4.584, 5.336



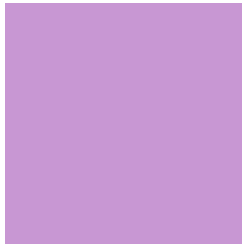
35, 68.578, 30.277



4, 20.178, 10.973

Previews

White Background



This preview shows how the CIELCh color 69, 37.176, 320.579 looks on a white background.

Color Contrast Check

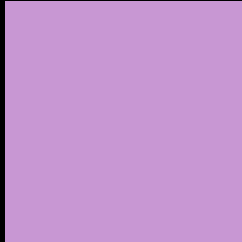
Large Text (above 18pt) WCAG AA × Fail

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, 37.176, 320.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

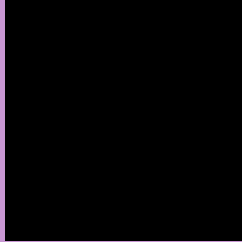
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 37.176, 320.579

Background



This preview shows how black text looks on a background with the CIELCh color 69, 37.176, 320.579.



This preview shows how white text looks on a background with the CIELCh color 69, 37.176, 320.579.

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
69, 37.176, 320.579

Protanopia
69, 30.377, 284.689

Deuteranopia
69, 24.196, 292.573



Tritanopia
69, 15.291, 355.498

Trichromacy



Original Color
69, 37.176, 320.579

Protanomaly
69, 31.599, 298.665

Deuteranomaly
69, 28.322, 305.430

Tritanomaly
69, 22.425, 334.431

Monochromacy



Original Color
69, 37.176, 320.579

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 13.821, 319.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 37.176, 320.579 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(200, 151, 211)` looks like.

```
.text, #text, p{  
    color:rgb(200, 151, 211)  
}
```

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(200, 151, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 151, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 37.176, 320.579 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(200, 151, 211) }
```

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

```
.border{ border-color:rgb(200, 151, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 151, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 151, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 151, 211);  
box-shadow:4px 4px 4px 4px rgb(200, 151,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 37.176, 320.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 151, 211) }
```

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

```
.background{ background-color: rgb(200,  
151, 211) }
```

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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