

Converting Colors

CIELCh(64, 37.973, 338.214)

Have a look what the booklet for
CIELCh(64, 37.973, 338.214)
contains.

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Color

CIELCh(64, 37.969, 338.198)

Conversions

Conversions Part 1

Format	Color
Hex	CD84B5
RGB	205, 132, 181
RGB Percent	80%, 52%, 71%
CMY	0.1962, 0.4825, 0.2903
CMYK	0.00, 0.36, 0.12, 0.20
HSL	320°, 42%, 66%
HSV	320°, 36%, 80%
XYZ	41.7500, 32.8017, 47.8279
YIQ	159.4130, 27.7790, 30.7150

Conversions

Conversions Part 2

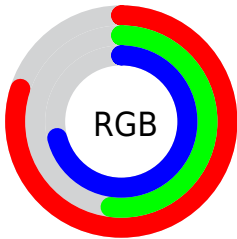
Format	Color
R _Y B	205, 132, 181
Decimal	13468853
CIE Lab	64.00, 35.25, -14.10
CIE LCh	64, 37.969, 338.198
Yxy	32.8017, 0.3412, 0.2680
Android (android.graphics.Color)	4291658933 (0xFFCD84B5)
YUV	159.4130, 10.6424, 39.9798
Hunter-Lab	57.2727, 29.8934, -9.4216

Details

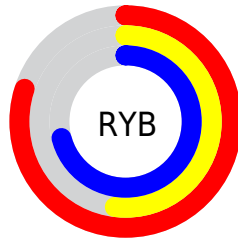
The CIELCh color $64, 37.969, 338.198$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 37.426, 152.413$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 36.166, 334.619$, and $44, 37.680, 338.085$ is the 20% darker color. If you saturate the color by 10%, you get $59, 48.128, 339.119$, and if you desaturate by 10%, it is $69, 27.360, 337.354$.

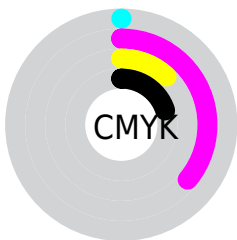
Distribution



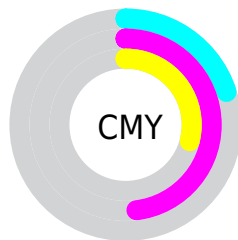
- Red (80%)
- Green (52%)
- Blue (71%)



- Red (80%)
- Yellow (52%)
- Blue (71%)



- Cyan (0%)
- Magenta (36%)
- Yellow (12%)
- Black (20%)



- Cyan (20%)
- Magenta (48%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 37.969, 338.198 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 64, 37.969, 338.198 by changing the saturation by 10% instead.

 64, 37.969,
338.198


 64, 37.969,
338.198

 100, 37.969,
338.198

 54, 37.969,
338.198


 84, 37.969,
338.198

 44, 37.969,
338.198

 94, 37.969,
338.198

 34, 37.969,
338.198

 24, 37.969,
338.198

 14, 37.969,
338.198

 4, 37.969, 338.198

 0, 37.969, 338.198

■ 64, 37.969,
338.198

■ 64, 37.969,
338.198

■ 59, 48.128,
339.119

■ 69, 27.360,
337.354

■ 55, 57.434,
340.140

■ 74, 16.612,
336.567

■ 52, 65.384,
341.301

■ 79, 5.927, 335.802

■ 49, 71.455,
342.657

■ 85, 4.566, 155.259

■ 47, 75.241,
344.287

■ 90, 14.792,
154.568

■ 46, 76.634,
346.280

■ 96, 24.716,
153.960

■ 45, 76.822,
347.240

■ 96, 22.337,
160.035

■ 96, 20.206,
167.453

■ 96, 18.454,
176.399

Harmonies

Complementary

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



64, 37.969, 338.198



77, 37.426, 152.413

Rectangle

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



64, 37.969, 338.198



64, 37.969, 28.198



64, 37.969, 158.198



64, 37.969, 208.198

Sweetspot

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



64, 37.966, 338.199



93, 13.930, 336.227



60, 42.124, 304.845



49, 9.369, 336.331



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64, 37.966, 338.199



74, 54.331, 338.922



63, 30.176, 8.705



40, 5.985, 336.095



36, 65.796, 346.857



4, 22.230, 342.525

Inverse Universe

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



64, 37.966, 338.199



74, 54.331, 338.922



77, 25.760, 181.240



40, 5.985, 336.095



36, 65.796, 346.857



4, 22.230, 342.525

Previews

White Background



This preview shows how the CIELCh color 64, 37.969, 338.198 looks on a white background.

Color Contrast Check

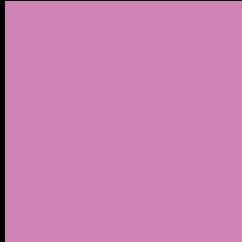
Large Text (above 18pt) WCAG AA × Fail

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 64, 37.969, 338.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

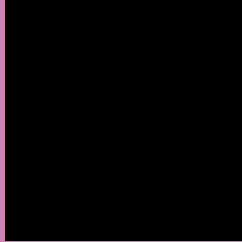
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 37.969, 338.198

Background



This preview shows how black text looks on a background with the CIELCh color 64, 37.969, 338.198.



This preview shows how white text looks on a background with the CIELCh color 64, 37.969, 338.198.

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

64, 37.969, 338.198

Protanopia

64, 23.522, 285.259

Deuteranopia

64, 14.304, 303.373



Tritanopia
64, 25.874, 8.697

Trichromacy



Original Color
64, 37.969, 338.198

Protanomaly
64, 26.338, 309.052

Deuteranomaly
64, 21.742, 323.730

Tritanomaly
64, 28.965, 354.237

Monochromacy



Original Color
64, 37.969, 338.198

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 14.369, 336.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 37.969, 338.198 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, 132, 181)` looks like.

```
.text, #text, p{  
    color:rgb(205, 132, 181)  
}
```

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, 132, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 132, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 37.969, 338.198 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, 132, 181) }
```

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

```
.border{ border-color:rgb(205, 132, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 132, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 132, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 132, 181);  
box-shadow:4px 4px 4px 4px rgb(205, 132,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 37.969, 338.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 132, 181) }
```

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

```
.background{ background-color: rgb(205,  
132, 181) }
```

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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