

Converting Colors

CIELCh(64, 39.039, 349.271)

Have a look what the booklet for
CIELCh(64, 39.039, 349.271)
contains.

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Color

CIELCh(64, 38.700, 349.367)

Conversions

Conversions Part 1

Format	Color
Hex	D681A9
RGB	214, 129, 169
RGB Percent	84%, 51%, 66%
CMY	0.1613, 0.4946, 0.3378
CMYK	0.00, 0.40, 0.21, 0.16
HSL	332°, 51%, 67%
HSV	332°, 40%, 84%
XYZ	42.6736, 32.8017, 41.5546
YIQ	158.9750, 37.8200, 30.4600

Conversions

Conversions Part 2

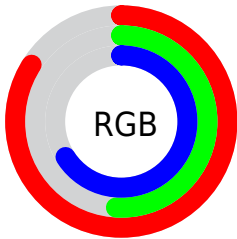
Format	Color
R _Y B	214, 129, 169
Decimal	14057897
CIE Lab	64.00, 38.04, -7.14
CIE LCh	64, 38.700, 349.367
Yxy	32.8017, 0.3646, 0.2803
Android (android.graphics.Color)	4292247977 (0xFFD681A9)
YUV	158.9750, 4.9423, 48.2569
Hunter-Lab	57.2727, 32.7719, -2.9274

Details

The CIELCh color $64, 38.700, 349.367$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $79, 36.620, 161.283$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 33.658, 342.508$, and $44, 38.827, 349.002$ is the 20% darker color. If you saturate the color by 10%, you get $59, 48.039, 350.829$, and if you desaturate by 10%, it is $69, 28.934, 348.123$.

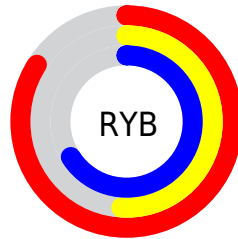
Distribution



Red (84%)

Green (51%)

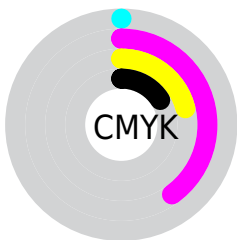
Blue (66%)



Red (84%)

Yellow (51%)

Blue (66%)

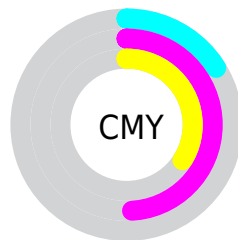


Cyan (0%)

Magenta (40%)

Yellow (21%)

Black (16%)



Cyan (16%)

Magenta (49%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 38.700, 349.367 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, 38.700, 349.367 by changing the saturation by 10% instead.

 64, 38.700,
349.367

 64, 38.700,
349.367

 100, 38.700,
349.367


 54, 38.700,
349.367


 84, 38.700,
349.367

 44, 38.700,
349.367

 94, 38.700,
349.367

 34, 38.700,
349.367

 24, 38.700,
349.367

 14, 38.700,
349.367

 4, 38.700, 349.367

 0, 38.700, 349.367

64, 38.700,
349.367

64, 38.700,
349.367

59, 48.039,
350.829

69, 28.934,
348.123

55, 56.536,
352.588

74, 19.064,
347.036

52, 63.687,
354.759

80, 9.297, 346.056

49, 69.025,
357.492

86, 0.240, 167.072

92, 9.479, 164.515

47, 72.303, 0.959

97, 17.135,
165.442

46, 73.908, 5.196

97, 14.460,
184.409

46, 73.949, 5.310

97, 13.776,
198.587

Harmonies

Complementary

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



64, 38.700, 349.367



79, 36.620, 161.283

Rectangle

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



64, 38.700, 349.367



64, 38.700, 39.367



64, 38.700, 169.367



64, 38.700, 219.367

Sweetspot

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



64, 38.697, 349.368



92, 13.255, 346.283



61, 49.957, 311.594



48, 8.806, 346.410



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, 38.697, 349.368



71, 53.562, 350.632



63, 35.154, 24.409



42, 5.423, 346.026



36, 62.585, 4.523



5, 23.252, 356.221

Inverse Universe

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



64, 38.697, 349.368



71, 53.562, 350.632



80, 26.444, 199.208



42, 5.423, 346.026



36, 62.585, 4.523



5, 23.252, 356.221

Previews

White Background



This preview shows how the CIELCh color 64, 38.700, 349.367 looks on a white background.

Color Contrast Check

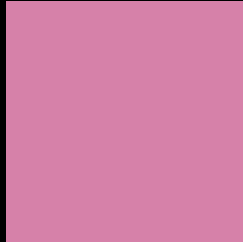
Large Text (above 18pt) WCAG AA × Fail

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 64, 38.700, 349.367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

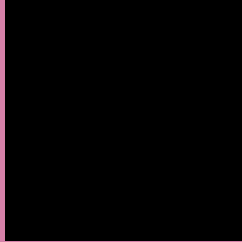
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 38.700, 349.367

Background



This preview shows how black text looks on a background with the CIELCh color 64, 38.700, 349.367.



This preview shows how white text looks on a background with the CIELCh color 64, 38.700, 349.367.

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, 38.700, 349.367

Protanopia

64, 17.337, 286.228

Deuteranopia

64, 9.699, 326.762



Tritanopia
64, 31.596, 12.933

Trichromacy



Original Color
64, 38.700, 349.367

Protanomaly
64, 21.674, 320.350

Deuteranomaly
64, 19.921, 341.574

Tritanomaly
64, 33.490, 3.158

Monochromacy



Original Color
64, 38.700, 349.367

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 14.555, 346.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 38.700, 349.367 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(214, 129, 169)` looks like.

```
.text, #text, p{  
    color:rgb(214, 129, 169)  
}
```

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(214, 129, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 129, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 38.700, 349.367 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(214, 129, 169) }
```

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

```
.border{ border-color:rgb(214, 129, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 129, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 129, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 129, 169);  
box-shadow:4px 4px 4px 4px rgb(214, 129,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 38.700, 349.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 129, 169) }
```

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

```
.background{ background-color: rgb(214,  
129, 169) }
```

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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