

Converting Colors

CIELCh(63, 41.974, 340.128)

Have a look what the booklet for
CIELCh(63, 41.974, 340.128)
contains.

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Color

CIELCh(63, 41.974, 340.128)

Conversions

Conversions Part 1

Format	Color
Hex	D17EB3
RGB	209, 126, 179
RGB Percent	82%, 49%, 70%
CMY	0.1817, 0.5071, 0.2993
CMYK	0.00, 0.40, 0.14, 0.18
HSL	322°, 47%, 66%
HSV	322°, 40%, 82%
XYZ	41.7207, 31.5869, 46.3725
YIQ	156.8590, 32.4550, 34.0790

Conversions

Conversions Part 2

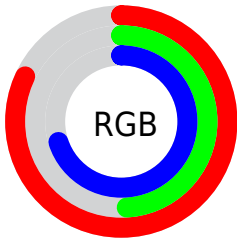
Format	Color
RYB	209, 126, 179
Decimal	13729459
CIELab	63.00, 39.47, -14.27
CIELCh	63, 41.974, 340.128
Yxy	31.5869, 0.3486, 0.2639
Android (android.graphics.Color)	4291919539 (0xFFD17EB3)
YUV	156.8590, 10.9155, 45.7277
Hunter-Lab	56.2022, 34.1522, -9.5786

Details

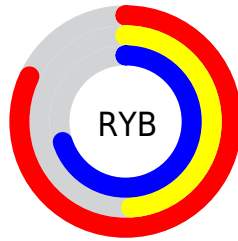
The CIELCh color $63, 41.974, 340.128$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $77, 41.179, 153.274$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 39.139, 335.033$, and $43, 42.199, 340.249$ is the 20% darker color. If you saturate the color by 10%, you get $59, 51.798, 341.162$, and if you desaturate by 10%, it is $68, 31.558, 339.199$.

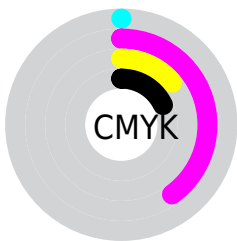
Distribution



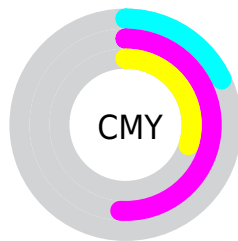
- Red (82%)
- Green (49%)
- Blue (70%)



- Red (82%)
- Yellow (49%)
- Blue (70%)



- Cyan (0%)
- Magenta (40%)
- Yellow (14%)
- Black (18%)




- Cyan (18%)
- Magenta (51%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 41.974, 340.128 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 63, 41.974, 340.128 by changing the saturation by 10% instead.


 63, 41.974,
340.128


 63, 41.974,
340.128


 100, 41.974,
340.128


 53, 41.974,
340.128


 83, 41.974,
340.128

 43, 41.974,
340.128

 93, 41.974,
340.128

 33, 41.974,
340.128

 23, 41.974,
340.128

 13, 41.974,
340.128

 3, 41.974, 340.128

 0, 41.974, 340.128

63, 41.974,
340.128

63, 41.974,
340.128

59, 51.798,
341.162

68, 31.558,
339.199

55, 60.583,
342.336

73, 20.905,
338.348

51, 67.799,
343.708

78, 10.255,
337.551

49, 72.945,
345.356

84, 0.238, 158.415

47, 75.715,
347.382

89, 10.482,
156.224


46, 76.421,
349.835

95, 20.428,
155.577

46, 76.433,
349.895

96, 20.251,
161.646

97, 18.006,
171.187

 97, 16.346,
182.980

Harmonies

Complementary

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



63, 41.974, 340.128



77, 41.179, 153.274

Rectangle

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



63, 41.974, 340.128



63, 41.974, 30.128



63, 41.974, 160.128



63, 41.974, 210.128

Sweetspot

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



63, 41.971, 340.129



92, 14.861, 337.738



58, 48.151, 306.254



48, 9.868, 337.842



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 41.971, 340.129



71, 58.929, 341.030



62, 34.375, 11.953



41, 5.968, 337.523



37, 65.321, 349.452



5, 23.641, 344.706

Inverse Universe

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



63, 41.971, 340.129



71, 58.929, 341.030



78, 28.220, 183.618



41, 5.968, 337.523



37, 65.321, 349.452



5, 23.641, 344.706

Previews

White Background



This preview shows how the CIELCh color 63, 41.974, 340.128 looks on a white background.

Color Contrast Check

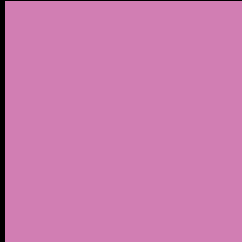
Large Text (above 18pt) WCAG AA × Fail

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 63, 41.974, 340.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

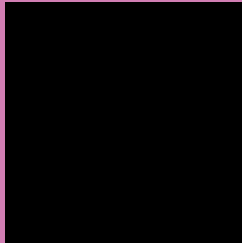
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 41.974, 340.128

Background



This preview shows how black text looks on a background with the CIELCh color 63, 41.974, 340.128.

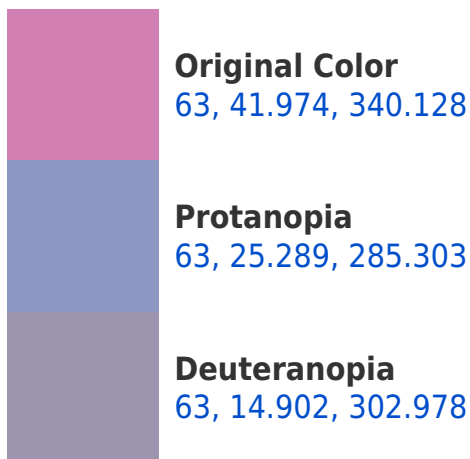


This preview shows how white text looks on a background with the CIELCh color 63, 41.974, 340.128.

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
63, 29.614, 12.010

Trichromacy



Original Color
63, 41.974, 340.128



Protanomaly
63, 28.340, 310.266



Deuteranomaly
63, 23.528, 325.506

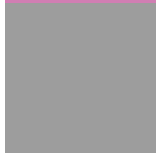


Tritanomaly
63, 32.804, 357.332

Monochromacy



Original Color
63, 41.974, 340.128



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 15.615, 338.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 41.974, 340.128 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(209, 126, 179)` looks like.

```
.text, #text, p{  
    color:rgb(209, 126, 179)  
}
```

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(209, 126, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 126, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 41.974, 340.128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

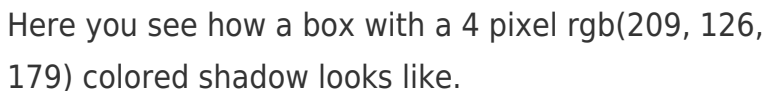
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 126, 179) }
```

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

```
.border{ border-color:rgb(209, 126, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 126, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 126, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 126, 179);  
box-shadow:4px 4px 4px 4px rgb(209, 126,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 41.974, 340.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 126, 179) }
```

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

```
.background{ background-color: rgb(209,  
126, 179) }
```

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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