

Converting Colors

CIELCh(60, 49.042, 343.846)

Have a look what the booklet for
CIELCh(60, 49.042, 343.846)
contains.

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Color

CIELCh(60, 49.333, 343.639)

Conversions

Conversions Part 1

Format	Color
Hex	D46EAA
RGB	212, 110, 170
RGB Percent	83%, 43%, 67%
CMY	0.1679, 0.5679, 0.3326
CMYK	0.00, 0.48, 0.20, 0.17
HSL	325°, 54%, 63%
HSV	325°, 48%, 83%
XYZ	40.0728, 28.1233, 41.4337
YIQ	147.3380, 41.5320, 40.2840

Conversions

Conversions Part 2

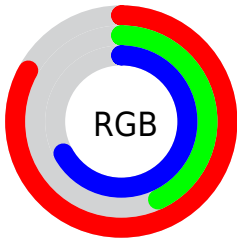
Format	Color
R _Y B	212, 110, 170
Decimal	13921962
CIE Lab	60.00, 47.34, -13.90
CIE LCh	60, 49.333, 343.639
Yxy	28.1233, 0.3655, 0.2565
Android (android.graphics.Color)	4292112042 (0xFFD46EAA)
YUV	147.3380, 11.1724, 56.7086
Hunter-Lab	53.0314, 42.0771, -9.2016

Details

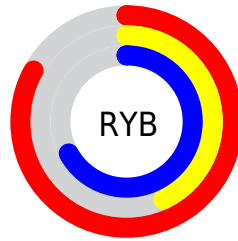
The CIELCh color `60, 49.333, 343.639` is a light color, and the websafe version is hex `CC6699`. A complement of this color would be `78, 47.933, 154.409`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `78, 45.382, 338.286`, and `40, 49.459, 343.510` is the 20% darker color. If you saturate the color by 10%, you get `56, 58.242, 344.945`, and if you desaturate by 10%, it is `65, 39.498, 342.510`.

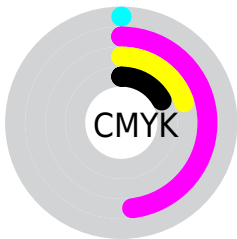
Distribution



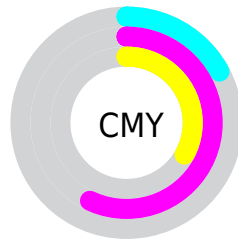
- Red (83%)
- Green (43%)
- Blue (67%)



- Red (83%)
- Yellow (43%)
- Blue (67%)



- Cyan (0%)
- Magenta (48%)
- Yellow (20%)
- Black (17%)




- Cyan (17%)
- Magenta (57%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 49.333, 343.639 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 60, 49.333, 343.639 by changing the saturation by 10% instead.


 60, 49.333,
343.639


 60, 49.333,
343.639


 100, 49.333,
343.639


 50, 49.333,
343.639


 80, 49.333,
343.639

 40, 49.333,
343.639

 90, 49.333,
343.639

 30, 49.333,
343.639

 20, 49.333,
343.639

 10, 49.333,
343.639

 0, 49.333, 343.639

 60, 49.333,

 60, 49.333,

343.639

56, 58.242,
344.945

52, 65.713,
346.495

50, 71.229,
348.386

48, 74.441,
350.741

46, 75.462,
353.662

46, 75.575,
354.257

343.639

65, 39.498,
342.510

70, 29.182,
341.508

75, 18.704,
340.603

80, 8.284, 339.757

86, 1.941, 159.254

92, 11.895,
158.388

97, 19.346,
159.539

97, 16.686,
171.139

■ 97, 14.880,
186.208

Harmonies

Complementary

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



60, 49.333, 343.639



78, 47.933, 154.409

Rectangle

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



60, 49.333, 343.639



60, 49.333, 33.639



60, 49.333, 163.639



60, 49.333, 213.639

Sweetspot

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



60, 49.330, 343.640



91, 16.766, 340.266



55, 59.801, 308.431



47, 11.595, 340.452



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 49.330, 343.640



66, 67.411, 345.021



59, 42.958, 17.384



42, 5.875, 339.871



37, 64.471, 353.719



5, 24.612, 348.159

Inverse Universe

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



60, 49.330, 343.640



66, 67.411, 345.021



79, 32.484, 187.349



42, 5.875, 339.871



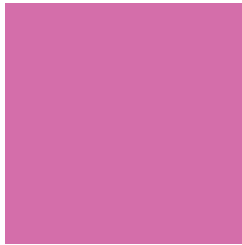
37, 64.471, 353.719



5, 24.612, 348.159

Previews

White Background



This preview shows how the CIELCh color 60, 49.333, 343.639 looks on a white background.

Color Contrast Check

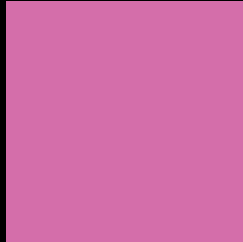
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 49.333, 343.639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

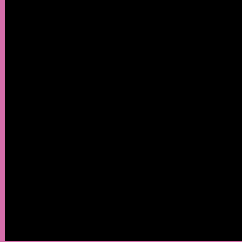
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 49.333, 343.639

Background



This preview shows how black text looks on a background with the CIELCh color 60, 49.333, 343.639.



This preview shows how white text looks on a background with the CIELCh color 60, 49.333, 343.639.

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
60, 37.194, 16.226

Trichromacy



Original Color
60, 49.333, 343.639

Protanomaly
59, 32.489, 312.305

Deuteranomaly
60, 26.370, 329.971

Tritanomaly
60, 39.887, 2.583

Monochromacy



Original Color
60, 49.333, 343.639

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 18.904, 340.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 49.333, 343.639 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(212, 110, 170)` looks like.

```
.text, #text, p{  
    color:rgb(212, 110, 170)  
}
```

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(212, 110, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 110, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 49.333, 343.639 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(212, 110, 170) }
```

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

```
.border{ border-color:rgb(212, 110, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 110, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 110, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 110, 170);  
box-shadow:4px 4px 4px 4px rgb(212, 110,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 49.333, 343.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 110, 170) }
```

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

```
.background{ background-color: rgb(212,  
110, 170) }
```

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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