

Converting Colors

CIELCh(63, 40.342, 329.418)

Have a look what the booklet for
CIELCh(63, 40.342, 329.418)
contains.

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Color

CIELCh(63, 40.342, 329.418)

Conversions

Conversions Part 1

Format	Color
Hex	C482BD
RGB	196, 130, 189
RGB Percent	77%, 51%, 74%
CMY	0.2294, 0.4884, 0.2569
CMYK	0.00, 0.34, 0.04, 0.23
HSL	306°, 36%, 64%
HSV	306°, 34%, 77%
XYZ	40.1775, 31.5869, 52.4012
YIQ	156.4600, 20.3970, 32.3410

Conversions

Conversions Part 2

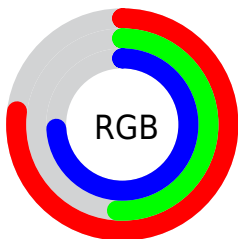
Format	Color
RYB	196, 130, 189
Decimal	12878525
CIELab	63.00, 34.73, -20.52
CIELCh	63, 40.342, 329.418
Yxy	31.5869, 0.3236, 0.2544
Android (android.graphics.Color)	4291068605 (0xFFC482BD)
YUV	156.4600, 16.0422, 34.6766
Hunter-Lab	56.2022, 29.2509, -15.9385

Details

The CIELCh color $63, 40.342, 329.418$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 40.317, 144.965$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 40.035, 329.382$, and $43, 40.570, 329.125$ is the 20% darker color. If you saturate the color by 10%, you get $59, 51.777, 330.004$, and if you desaturate by 10%, it is $68, 28.425, 328.825$.

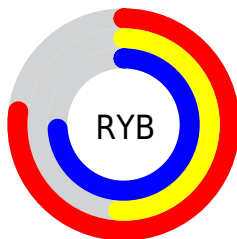
Distribution



Red (77%)

Green (51%)

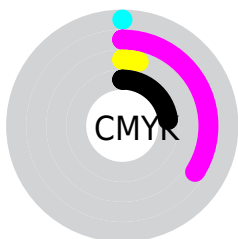
Blue (74%)



Red (77%)

Yellow (51%)

Blue (74%)

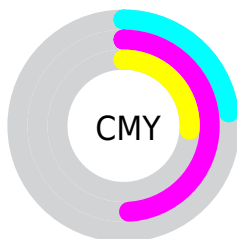


Cyan (0%)

Magenta (34%)

Yellow (4%)

Black (23%)



Cyan (23%)

Magenta (49%)

Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 40.342, 329.418 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, 40.342, 329.418 by changing the saturation by 10% instead.

 63, 40.342,
329.418


 63, 40.342,
329.418


 100, 40.342,
329.418


 53, 40.342,
329.418


 83, 40.342,
329.418

 43, 40.342,
329.418

 93, 40.342,
329.418

 33, 40.342,
329.418

 23, 40.342,
329.418

 13, 40.342,
329.418

 3, 40.342, 329.418

 0, 40.342, 329.418

63, 40.342,
329.418

63, 40.342,
329.418

59, 51.777,
330.004

68, 28.425,
328.825

55, 62.332,
330.574

72, 16.341,
328.229

52, 71.522,
331.124

77, 4.305, 327.602

83, 7.542, 147.141

49, 78.848,
331.651

88, 19.112,
146.574

47, 83.914,
332.160

93, 30.361,
146.048

46, 86.566,
332.665

95, 33.513,
146.594

46, 87.362,
332.990

95, 32.664,
147.720

■ 95, 31.826,
148.903

Harmonies

Complementary

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



63, 40.342, 329.418



74, 40.317, 144.965

Rectangle

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



63, 40.342, 329.418



63, 40.342, 19.418



63, 40.342, 149.418



63, 40.342, 199.418

Sweetspot

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



63, 40.340, 329.418



94, 14.815, 328.022



57, 37.777, 297.597



49, 10.116, 328.108



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, 40.340, 329.418



76, 58.936, 329.830



62, 29.442, 352.965



39, 6.864, 327.976



38, 76.206, 332.919



4, 24.396, 330.820

Inverse Universe

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



63, 40.340, 329.418



76, 58.936, 329.830



74, 27.560, 166.093



39, 6.864, 327.976



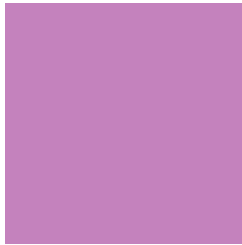
38, 76.206, 332.919



4, 24.396, 330.820

Previews

White Background



This preview shows how the CIELCh color 63, 40.342, 329.418 looks on a white background.

Color Contrast Check

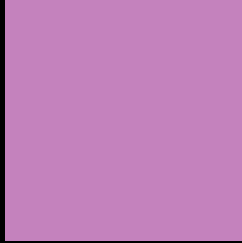
Large Text (above 18pt) WCAG AA × Fail

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, 40.342, 329.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

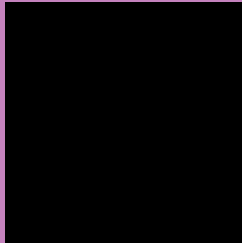
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 40.342, 329.418

Background



This preview shows how black text looks on a background with the CIELCh color 63, 40.342, 329.418.



This preview shows how white text looks on a background with the CIELCh color 63, 40.342, 329.418.

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
63, 40.342, 329.418

Protanopia
63, 29.785, 285.227

Deuteranopia
63, 20.759, 294.315



Tritanopia
63, 21.940, 5.679

Trichromacy



Original Color
63, 40.342, 329.418

Protanomaly
63, 31.364, 302.716

Deuteranomaly
63, 26.989, 312.791

Tritanomaly
63, 27.369, 346.427

Monochromacy



Original Color
63, 40.342, 329.418

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 15.297, 327.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 40.342, 329.418 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(196, 130, 189)` looks like.

```
.text, #text, p{  
    color:rgb(196, 130, 189)  
}
```

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(196, 130, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 130, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 40.342, 329.418 is called "border". The border property can be set on classes, ids or directly on the HTML element.

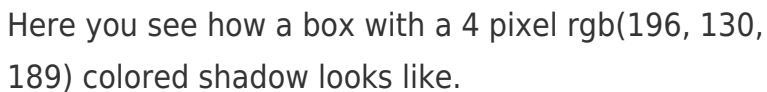
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 130, 189) }
```

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

```
.border{ border-color:rgb(196, 130, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 130, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 130, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 130, 189);  
box-shadow:4px 4px 4px 4px rgb(196, 130,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 40.342, 329.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 130, 189) }
```

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

```
.background{ background-color: rgb(196,  
130, 189) }
```

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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