

Converting Colors

CIELCh(61, 42.822, 331.939)

Have a look what the booklet for
CIELCh(61, 42.822, 331.939)
contains.

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Color

CIELCh(61, 42.360, 332.124)

Conversions

Conversions Part 1

Format	Color
Hex	C47BB7
RGB	196, 123, 183
RGB Percent	77%, 48%, 72%
CMY	0.2321, 0.5183, 0.2830
CMYK	0.00, 0.37, 0.07, 0.23
HSL	311°, 38%, 62%
HSV	311°, 37%, 77%
XYZ	38.3099, 29.2481, 48.3315
YIQ	151.6670, 24.2480, 34.1360

Conversions

Conversions Part 2

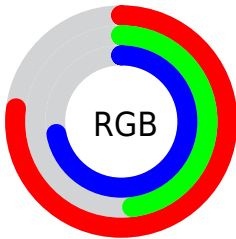
Format	Color
R _{YB}	196, 123, 183
Decimal	12876727
CIE Lab	61.00, 37.44, -19.81
CIE LCh	61, 42.360, 332.124
Yxy	29.2481, 0.3306, 0.2524
Android (android.graphics.Color)	4291066807 (0xFFC47BB7)
YUV	151.6670, 15.4472, 38.8800
Hunter-Lab	54.0815, 31.8020, -15.1291

Details

The CIELCh color $61, 42.360, 332.124$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 42.259, 146.820$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 42.242, 332.305$, and $41, 42.459, 332.127$ is the 20% darker color. If you saturate the color by 10%, you get $57, 52.987, 332.797$, and if you desaturate by 10%, it is $66, 31.153, 331.465$.

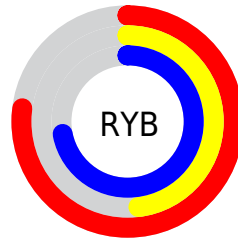
Distribution



Red (77%)

Green (48%)

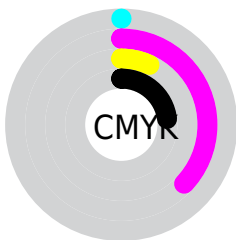
Blue (72%)



Red (77%)

Yellow (48%)

Blue (72%)

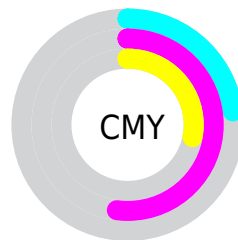


Cyan (0%)

Magenta (37%)

Yellow (7%)

Black (23%)



Cyan (23%)


Magenta (52%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 42.360, 332.124 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 61, 42.360, 332.124 by changing the saturation by 10% instead.


 61, 42.360,
332.124


 61, 42.360,
332.124


 100, 42.360,
332.124


 51, 42.360,
332.124


 81, 42.360,
332.124

 41, 42.360,
332.124

 91, 42.360,
332.124

 31, 42.360,
332.124

 21, 42.360,
332.124

 11, 42.360,
332.124

 1, 42.360, 332.124

 0, 42.360, 332.124

61, 42.360,
332.124

61, 42.360,
332.124

57, 52.987,
332.797

66, 31.153,
331.465

53, 62.613,
333.485

70, 19.705,
330.819

50, 70.738,
334.194

75, 8.250, 330.177

48, 76.878,
334.939

81, 3.057, 149.711

46, 80.688,
335.745

86, 14.121,
149.061


45, 82.187,
336.639

91, 24.887,
148.503

45, 82.426,
336.891

95, 32.391,
148.599

95, 31.010,
150.661

 95, 29.664,
152.902

Harmonies

Complementary

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



61, 42.360, 332.124



73, 42.259, 146.820

Rectangle

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



61, 42.360, 332.124



61, 42.360, 22.124



61, 42.360, 152.124



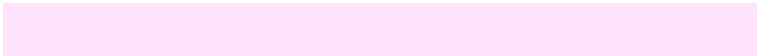
61, 42.360, 202.124

Sweetspot

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



61, 42.358, 332.124



93, 15.505, 330.429



55, 42.187, 300.177



49, 10.426, 330.518



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 42.358, 332.124



74, 62.679, 332.691



60, 31.700, 357.980



38, 6.387, 330.313



36, 71.314, 336.741



4, 20.459, 333.442

Inverse Universe

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



61, 42.358, 332.124



74, 62.679, 332.691



74, 28.762, 169.901



38, 6.387, 330.313



36, 71.314, 336.741



4, 20.459, 333.442

Previews

White Background



This preview shows how the CIELCh color 61, 42.360, 332.124 looks on a white background.

Color Contrast Check

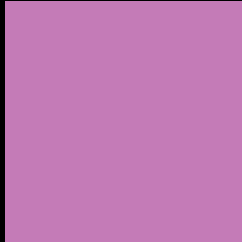
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 42.360, 332.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

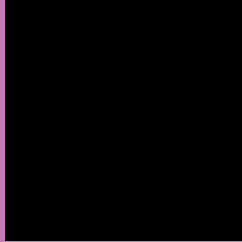
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 42.360, 332.124

Background



This preview shows how black text looks on a background with the CIELCh color 61, 42.360, 332.124.

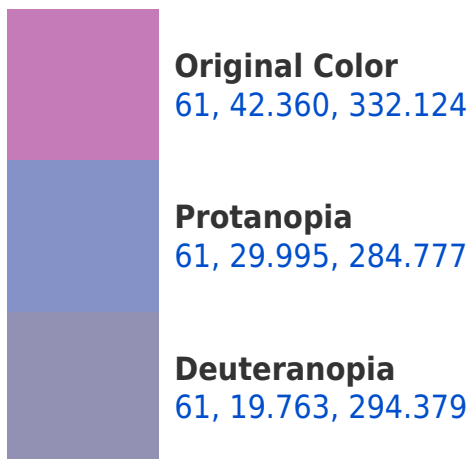


This preview shows how white text looks on a background with the CIELCh color 61, 42.360, 332.124.

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
61, 24.847, 9.295

Trichromacy



Original Color
61, 42.360, 332.124

Protanomaly
61, 31.700, 304.016

Deuteranomaly
61, 26.901, 314.721

Tritanomaly
61, 29.536, 351.007

Monochromacy



Original Color
61, 42.360, 332.124

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 15.859, 329.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 42.360, 332.124 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, 123, 183)` looks like.

```
.text, #text, p{  
    color:rgb(196, 123, 183)  
}
```

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, 123, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 123, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 42.360, 332.124 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, 123, 183) }
```

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

```
.border{ border-color:rgb(196, 123, 183) }
```

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

Here you see how a box with a 4 pixel rgb(196, 123, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 123, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 123, 183);  
box-shadow:4px 4px 4px 4px rgb(196, 123,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 42.360, 332.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 123, 183) }
```

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

```
.background{ background-color: rgb(196,  
123, 183) }
```

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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