

Converting Colors

CIELCh(62, 43.184, 334.459)

Have a look what the booklet for
CIELCh(62, 43.184, 334.459)
contains.

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Color

CIELCh(62, 43.360, 334.241)

Conversions

Conversions Part 1

Format	Color
Hex	CA7CB8
RGB	202, 124, 184
RGB Percent	79%, 49%, 72%
CMY	0.2081, 0.5140, 0.2787
CMYK	0.00, 0.39, 0.09, 0.21
HSL	314°, 42%, 64%
HSV	314°, 39%, 79%
XYZ	40.1808, 30.4025, 49.0593
YIQ	154.1620, 27.2280, 35.1960

Conversions

Conversions Part 2

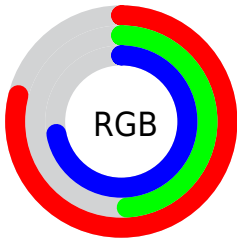
Format	Color
R _Y B	202, 124, 184
Decimal	13270200
CIE Lab	62.00, 39.05, -18.84
CIE LCh	62, 43.360, 334.241
Yxy	30.4025, 0.3358, 0.2541
Android (android.graphics.Color)	4291460280 (0xFFCA7CB8)
YUV	154.1620, 14.7101, 41.9539
Hunter-Lab	55.1385, 33.5852, -14.1561

Details

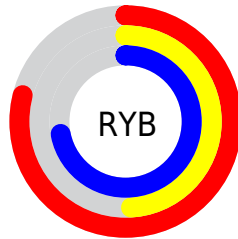
The CIELCh color $62, 43.360, 334.241$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $75, 43.135, 148.434$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 42.212, 332.297$, and $42, 43.170, 333.982$ is the 20% darker color. If you saturate the color by 10%, you get $58, 53.784, 335.001$, and if you desaturate by 10%, it is $67, 32.315, 333.516$.

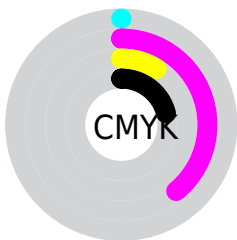
Distribution



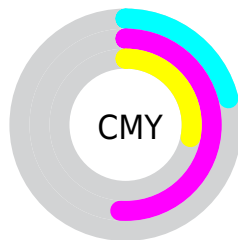
- Red (79%)
- Green (49%)
- Blue (72%)



- Red (79%)
- Yellow (49%)
- Blue (72%)



- Cyan (0%)
- Magenta (39%)
- Yellow (9%)
- Black (21%)





- Cyan (21%)
- Magenta (51%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 43.360, 334.241 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 62, 43.360, 334.241 by changing the saturation by 10% instead.


 62, 43.360,
334.241


 62, 43.360,
334.241


 100, 43.360,
334.241


 52, 43.360,
334.241


 82, 43.360,
334.241

 42, 43.360,
334.241

 92, 43.360,
334.241

 32, 43.360,
334.241

 22, 43.360,
334.241

 12, 43.360,
334.241

 2, 43.360, 334.241

 0, 43.360, 334.241

62, 43.360,
334.241

62, 43.360,
334.241

58, 53.784,
335.001

67, 32.315,
333.516

54, 63.146,
335.806

72, 21.004,
332.820

51, 70.928,
336.675

77, 9.671, 332.142

48, 76.636,
337.636

82, 1.521, 151.754

47, 79.941,
338.732

87, 12.474,
150.969

46, 80.996,
339.999

93, 23.132,
150.387

46, 81.082,
340.179

96, 27.319,
151.755

96, 25.563,
155.298

■ 96, 23.904,
159.325

Harmonies

Complementary

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



62, 43.360, 334.241



75, 43.135, 148.434

Rectangle

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



62, 43.360, 334.241



62, 43.360, 24.241



62, 43.360, 154.241



62, 43.360, 204.241

Sweetspot

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



62, 43.357, 334.241



92, 16.305, 332.382



56, 45.047, 301.914



48, 10.823, 332.471



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 43.357, 334.241



73, 61.727, 334.847



61, 33.162, 1.766



40, 6.419, 332.195



37, 70.183, 339.969



5, 24.041, 336.918

Inverse Universe

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



62, 43.357, 334.241



73, 61.727, 334.847



76, 29.327, 173.202



40, 6.419, 332.195



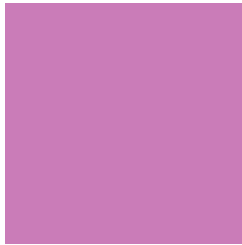
37, 70.183, 339.969



5, 24.041, 336.918

Previews

White Background



This preview shows how the CIELCh color 62, 43.360, 334.241 looks on a white background.

Color Contrast Check

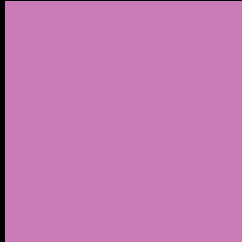
Large Text (above 18pt) WCAG AA × Fail

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 62, 43.360, 334.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

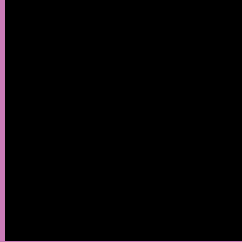
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 43.360, 334.241

Background



This preview shows how black text looks on a background with the CIELCh color 62, 43.360, 334.241.

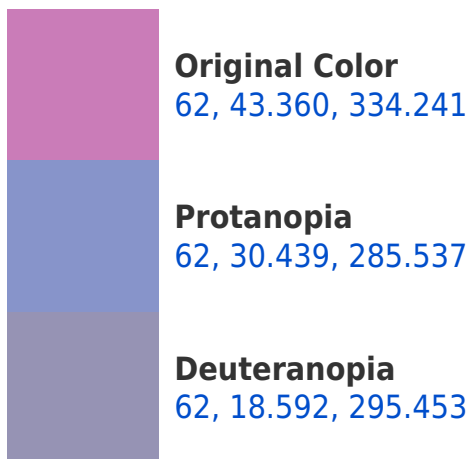


This preview shows how white text looks on a background with the CIELCh color 62, 43.360, 334.241.

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
62, 26.825, 10.521

Trichromacy



Original Color
62, 43.360, 334.241



Protanomaly
61, 32.397, 305.660



Deuteranomaly
62, 26.072, 317.161



Tritanomaly
62, 31.162, 353.182

Monochromacy



Original Color
62, 43.360, 334.241



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 16.303, 332.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 43.360, 334.241 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(202, 124, 184)` looks like.

```
.text, #text, p{  
    color:rgb(202, 124, 184)  
}
```

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(202, 124, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 124, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 43.360, 334.241 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(202, 124, 184) }
```

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

```
.border{ border-color:rgb(202, 124, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 124, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 124, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 124, 184);  
box-shadow:4px 4px 4px 4px rgb(202, 124,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 43.360, 334.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 124, 184) }
```

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

```
.background{ background-color: rgb(202,  
124, 184) }
```

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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