

Converting Colors

CIELCh(62, 37.749, 314.319)

Have a look what the booklet for
CIELCh(62, 37.749, 314.319)
contains.

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Color

CIELCh(62, 37.943, 314.502)

Conversions

Conversions Part 1

Format	Color
Hex	AE87C6
RGB	174, 135, 198
RGB Percent	68%, 53%, 78%
CMY	0.3177, 0.4706, 0.2235
CMYK	0.12, 0.32, 0.00, 0.22
HSL	277°, 36%, 65%
HSV	277°, 32%, 78%
XYZ	36.3111, 30.4025, 57.3784
YIQ	153.8430, 3.0210, 27.8610

Conversions

Conversions Part 2

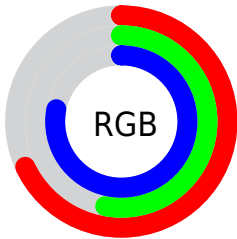
Format	Color
RYB	174, 135, 198
Decimal	11438022
CIELab	62.00, 26.60, -27.06
CIELCh	62, 37.943, 314.502
Yxy	30.4025, 0.2926, 0.2450
Android (android.graphics.Color)	4289628102 (0xFFAE87C6)
YUV	153.8430, 21.7694, 17.6777
Hunter-Lab	55.1385, 21.0575, -23.1016

Details

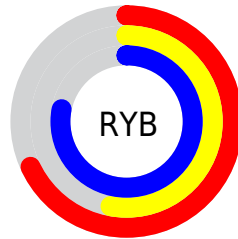
The CIELCh color $62, 37.943, 314.502$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 36.750, 131.657$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 37.749, 314.319$, and $42, 37.802, 314.585$ is the 20% darker color. If you saturate the color by 10%, you get $57, 50.113, 314.948$, and if you desaturate by 10%, it is $68, 25.790, 314.046$.

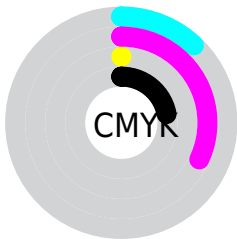
Distribution



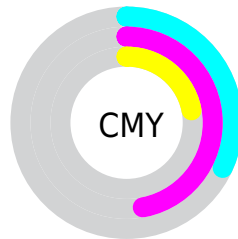
- Red (68%)
- Green (53%)
- Blue (78%)



- Red (68%)
- Yellow (53%)
- Blue (78%)



- Cyan (12%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)





- Cyan (32%)
- Magenta (47%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 37.943, 314.502 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, 37.943, 314.502 by changing the saturation by 10% instead.


 62, 37.943,
314.502


 62, 37.943,
314.502


 100, 37.943,
314.502


 52, 37.943,
314.502


 82, 37.943,
314.502

 42, 37.943,
314.502

 92, 37.943,
314.502

 32, 37.943,
314.502

 22, 37.943,
314.502

 12, 37.943,
314.502

 2, 37.943, 314.502

 0, 37.943, 314.502

62, 37.943,
314.502

62, 37.943,
314.502

57, 50.113,
314.948

68, 25.790,
314.046

51, 62.052,
315.353

73, 13.815,
313.598

47, 73.367,
315.671

79, 2.104, 313.116

42, 83.504,
315.838

85, 9.297, 132.818

39, 91.785,
315.775

90, 20.372,
132.453

36, 97.560,
315.399

96, 31.115,
132.130

35, 100.600,
314.888

97, 30.735,
127.848

97, 29.850,
122.935

 98, 29.205,
117.684

Harmonies

Complementary

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



62, 37.943, 314.502



76, 36.750, 131.657

Rectangle

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



62, 37.943, 314.502



62, 37.943, 4.502



62, 37.943, 134.502



62, 37.943, 184.502

Sweetspot

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



62, 37.941, 314.502



93, 14.329, 313.524



65, 22.709, 271.995



49, 9.792, 313.587



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, 37.941, 314.502



74, 55.862, 314.806



64, 38.197, 329.655



39, 6.635, 313.490



28, 87.064, 315.039



3, 22.972, 310.530

Inverse Universe

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



63, 27.760, 353.974



76, 40.859, 354.925



75, 38.155, 145.444



39, 4.825, 351.404



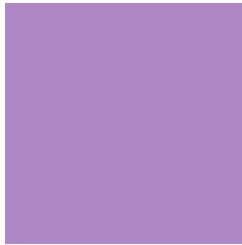
34, 60.894, 12.961



4, 16.927, 359.955

Previews

White Background



This preview shows how the CIELCh color 62, 37.943, 314.502 looks on a white background.

Color Contrast Check

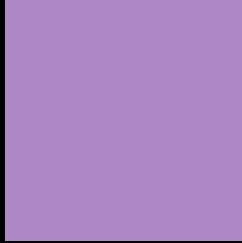
Large Text (above 18pt) WCAG AA × Fail

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 62, 37.943, 314.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

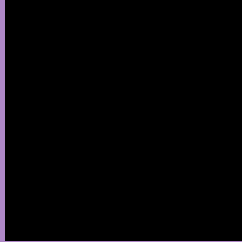
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 37.943, 314.502

Background



This preview shows how black text looks on a background with the CIELCh color 62, 37.943, 314.502.



This preview shows how white text looks on a background with the CIELCh color 62, 37.943, 314.502.

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
62, 37.943, 314.502

Protanopia
62, 33.833, 285.256

Deuteranopia
62, 27.546, 288.317



Tritanopia
62, 10.856, 345.985

Trichromacy



Original Color
62, 37.943, 314.502

Protanomaly
62, 34.363, 295.993

Deuteranomaly
62, 30.590, 299.079

Tritanomaly
62, 20.065, 324.448

Monochromacy



Original Color
62, 37.943, 314.502

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 13.964, 313.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 37.943, 314.502 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(174, 135, 198)` looks like.

```
.text, #text, p{  
    color:rgb(174, 135, 198)  
}
```

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(174, 135, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 135, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 37.943, 314.502 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(174, 135, 198) }
```

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

```
.border{ border-color:rgb(174, 135, 198) }
```

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

Here you see how a box with a 4 pixel rgb(174, 135, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 135, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 135, 198);  
box-shadow:4px 4px 4px 4px rgb(174, 135,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 37.943, 314.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 135, 198) }
```

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

```
.background{ background-color: rgb(174,  
135, 198) }
```

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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