

Converting Colors

CIELCh(62, 47.585, 326.021)

Have a look what the booklet for
CIELCh(62, 47.585, 326.021)
contains.

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Color

CIELCh(62, 48.178, 326.042)

Conversions

Conversions Part 1

Format	Color
Hex	C57CC6
RGB	197, 124, 198
RGB Percent	77%, 49%, 78%
CMY	0.2271, 0.5134, 0.2232
CMYK	0.01, 0.37, 0.00, 0.22
HSL	299°, 39%, 63%
HSV	299°, 37%, 78%
XYZ	40.4738, 30.4025, 57.2182
YIQ	154.2630, 19.7540, 38.4900

Conversions

Conversions Part 2

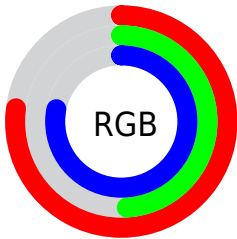
Format	Color
R_{YB}	197, 124, 198
Decimal	12942534
CIE _{Lab}	62.00, 39.96, -26.91
CIE _{LCh}	62, 48.178, 326.042
Yxy	30.4025, 0.3160, 0.2373
Android (android.graphics.Color)	4291132614 (0xFFC57CC6)
YUV	154.2630, 21.5623, 37.4803
Hunter-Lab	55.1385, 34.5336, -22.9294

Details

The CIELCh color $62, 48.178, 326.042$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 48.197, 141.382$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 48.201, 326.091$, and $42, 48.124, 326.103$ is the 20% darker color. If you saturate the color by 10%, you get $58, 60.206, 326.510$, and if you desaturate by 10%, it is $66, 35.489, 325.535$.

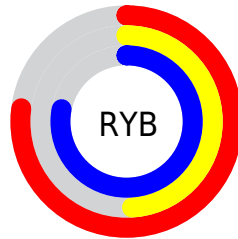
Distribution



Red (77%)

Green (49%)

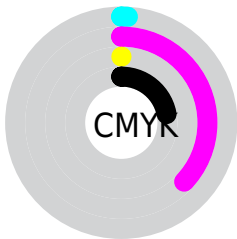
Blue (78%)



Red (77%)

Yellow (49%)

Blue (78%)

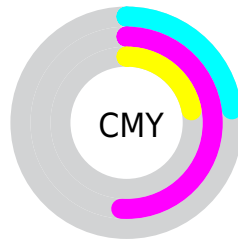


Cyan (1%)

Magenta (37%)

Yellow (0%)

Black (22%)



Cyan (23%)


Magenta (51%)

Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 48.178, 326.042 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, 48.178, 326.042 by changing the saturation by 10% instead.

 62, 48.178,
326.042


 62, 48.178,
326.042


 100, 48.178,
326.042

 52, 48.178,
326.042


 82, 48.178,
326.042

 42, 48.178,
326.042

 92, 48.178,
326.042

 32, 48.178,
326.042

 22, 48.178,
326.042

 12, 48.178,
326.042

 2, 48.178, 326.042

 0, 48.178, 326.042

62, 48.178,
326.042

62, 48.178,
326.042

58, 60.206,
326.510

66, 35.489,
325.535

54, 71.131,
326.919

71, 22.507,
325.003

51, 80.449,
327.253

76, 9.494, 324.451

49, 87.692,
327.496

81, 3.370, 144.020

48, 92.556,
327.640

87, 15.969,
143.441


47, 95.105,
327.691

92, 28.234,
142.932

47, 95.612,
327.697

95, 35.494,
142.592

95, 35.440,
142.476

 95, 35.386,
142.360

Harmonies

Complementary

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



62, 48.178, 326.042



74, 48.197, 141.382

Rectangle

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



62, 48.178, 326.042



62, 48.178, 16.042



62, 48.178, 146.042



62, 48.178, 196.042

Sweetspot

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



62, 48.176, 326.042



93, 17.464, 324.664



55, 41.778, 294.437



49, 11.743, 324.740



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, 48.176, 326.042



74, 70.443, 326.435



61, 35.103, 346.318



39, 7.351, 324.566



38, 82.806, 327.705



4, 26.590, 326.491

Inverse Universe

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



60, 31.139, 21.875



71, 47.265, 23.274



74, 33.702, 159.187



39, 4.278, 18.830



34, 74.099, 39.233



3, 15.889, 18.705

Previews

White Background



This preview shows how the CIELCh color 62, 48.178, 326.042 looks on a white background.

Color Contrast Check

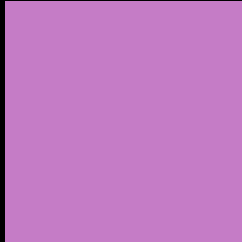
Large Text (above 18pt) WCAG AA × Fail

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, 48.178, 326.042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

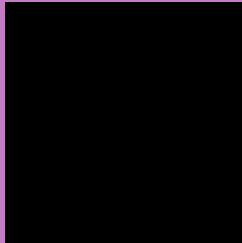
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 48.178, 326.042

Background



This preview shows how black text looks on a background with the CIELCh color 62, 48.178, 326.042.



This preview shows how white text looks on a background with the CIELCh color 62, 48.178, 326.042.

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, 22.726, 7.786

Trichromacy



Original Color
62, 48.178, 326.042



Protanomaly
62, 39.766, 300.843



Deuteranomaly
62, 32.615, 307.466



Tritanomaly
62, 29.848, 344.845

Monochromacy



Original Color
62, 48.178, 326.042



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 18.248, 325.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 48.178, 326.042 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(197, 124, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 124, 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(197, 124, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 124, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 48.178, 326.042 is called "border". The border property can be set on classes, ids or directly on the HTML element.

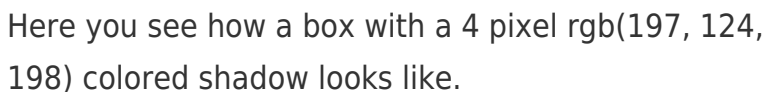
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 124, 198) }
```

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

```
.border{ border-color:rgb(197, 124, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 124, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 124, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 124, 198); box-shadow:4px 4px 4px 4px rgb(197, 124, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 48.178, 326.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 124, 198) }
```

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

```
.background{ background-color: rgb(197,  
124, 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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