

Converting Colors

CIELCh(62, 46.752, 328.308)

Have a look what the booklet for
CIELCh(62, 46.752, 328.308)
contains.

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Color

CIELCh(62, 46.790, 328.404)

Conversions

Conversions Part 1

Format	Color
Hex	C77CC2
RGB	199, 124, 194
RGB Percent	78%, 49%, 76%
CMY	0.2201, 0.5141, 0.2397
CMYK	0.00, 0.38, 0.03, 0.22
HSL	304°, 40%, 63%
HSV	304°, 38%, 78%
XYZ	40.4392, 30.4025, 54.7065
YIQ	154.4050, 22.2300, 37.6700

Conversions

Conversions Part 2

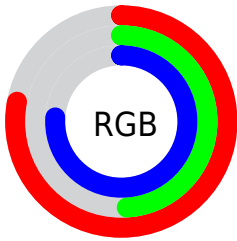
Format	Color
R _Y B	199, 124, 194
Decimal	13073602
CIE Lab	62.00, 39.85, -24.51
CIE LCh	62, 46.790, 328.404
Yxy	30.4025, 0.3221, 0.2422
Android (android.graphics.Color)	4291263682 (0xFFC77CC2)
YUV	154.4050, 19.5203, 39.1098
Hunter-Lab	55.1385, 34.4217, -20.2286

Details

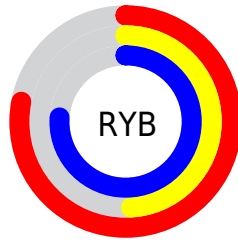
The CIELCh color $62, 46.790, 328.404$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 46.840, 143.428$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 46.548, 327.570$, and $42, 46.606, 328.636$ is the 20% darker color. If you saturate the color by 10%, you get $58, 58.318, 328.942$, and if you desaturate by 10%, it is $66, 34.597, 327.845$.

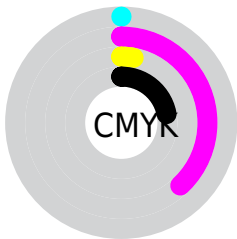
Distribution



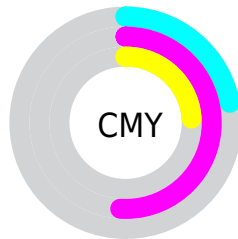
- Red (78%)
- Green (49%)
- Blue (76%)



- Red (78%)
- Yellow (49%)
- Blue (76%)



- Cyan (0%)
- Magenta (38%)
- Yellow (3%)
- Black (22%)





- Cyan (22%)
- Magenta (51%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 46.790, 328.404 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, 46.790, 328.404 by changing the saturation by 10% instead.


 62, 46.790,
328.404


 62, 46.790,
328.404


 100, 46.790,
328.404


 52, 46.790,
328.404


 82, 46.790,
328.404

 42, 46.790,
328.404

 92, 46.790,
328.404

 32, 46.790,
328.404

 22, 46.790,
328.404

 12, 46.790,
328.404

 2, 46.790, 328.404

 0, 46.790, 328.404

62, 46.790,
328.404

62, 46.790,
328.404

58, 58.318,
328.942

66, 34.597,
327.845

54, 68.736,
329.445

71, 22.106,
327.272

51, 77.539,
329.906

76, 9.575, 326.689

49, 84.256,
330.319

81, 2.816, 146.256

47, 88.581,
330.686

87, 14.953,
145.634

47, 90.603,
331.017

92, 26.773,
145.104

47, 90.935,
331.090

95, 33.384,
145.078

95, 32.835,
145.768

■ 95, 32.290,
146.479

Harmonies

Complementary

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



62, 46.790, 328.404



74, 46.840, 143.428

Rectangle

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



62, 46.790, 328.404



62, 46.790, 18.404



62, 46.790, 148.404



62, 46.790, 198.404

Sweetspot

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



62, 46.788, 328.404



93, 16.758, 326.893



55, 43.126, 296.624



49, 11.268, 326.974



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, 46.788, 328.404



74, 67.569, 328.834



61, 34.252, 350.343



39, 7.054, 326.789



38, 78.582, 331.047



4, 25.255, 329.301

Inverse Universe

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



62, 46.788, 328.404



74, 67.569, 328.834



75, 32.311, 162.690



39, 7.054, 326.789



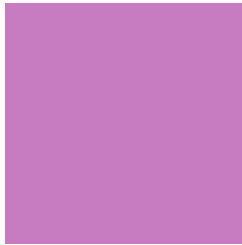
38, 78.582, 331.047



4, 25.255, 329.301

Previews

White Background



This preview shows how the CIELCh color 62, 46.790, 328.404 looks on a white background.

Color Contrast Check

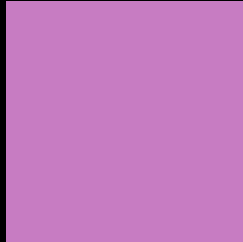
Large Text (above 18pt) WCAG AA × Fail

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, 46.790, 328.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

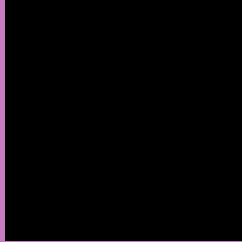
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 46.790, 328.404

Background



This preview shows how black text looks on a background with the CIELCh color 62, 46.790, 328.404.



This preview shows how white text looks on a background with the CIELCh color 62, 46.790, 328.404.

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, 46.790, 328.404

Protanopia
62, 36.090, 285.175

Deuteranopia
62, 24.148, 290.363



Tritanopia
62, 24.350, 8.959

Trichromacy



Original Color
62, 46.790, 328.404



Protanomaly
62, 37.643, 302.106



Deuteranomaly
62, 30.651, 309.727



Tritanomaly
62, 30.498, 347.246

Monochromacy



Original Color
62, 46.790, 328.404



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 17.797, 326.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 46.790, 328.404 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(199, 124, 194)` looks like.

```
.text, #text, p{  
    color:rgb(199, 124, 194)  
}
```

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(199, 124, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 124, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 46.790, 328.404 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(199, 124, 194) }
```

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

```
.border{ border-color:rgb(199, 124, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 124, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 124, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 124, 194);  
box-shadow:4px 4px 4px 4px rgb(199, 124,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 46.790, 328.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 124, 194) }
```

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

```
.background{ background-color: rgb(199,  
124, 194) }
```

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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