

Converting Colors

CIELCh(62, 62.379, 326.870)

Have a look what the booklet for
CIELCh(62, 62.379, 326.870)
contains.

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Color

CIELCh(62, 62.410, 326.879)

Conversions

Conversions Part 1

Format	Color
Hex	D371D3
RGB	211, 113, 211
RGB Percent	83%, 44%, 83%
CMY	0.1722, 0.5565, 0.1722
CMYK	0.00, 0.46, 0.00, 0.17
HSL	300°, 53%, 64%
HSV	300°, 46%, 83%
XYZ	44.5782, 30.4025, 65.2109
YIQ	153.4740, 26.9500, 51.2540

Conversions

Conversions Part 2

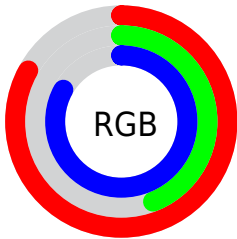
Format	Color
R _Y B	211, 113, 211
Decimal	13857235
CIE Lab	62.00, 52.27, -34.10
CIE LCh	62, 62.410, 326.879
Yxy	30.4025, 0.3180, 0.2169
Android (android.graphics.Color)	4292047315 (0xFFD371D3)
YUV	153.4740, 28.3603, 50.4503
Hunter-Lab	55.1385, 47.8207, -31.5238

Details

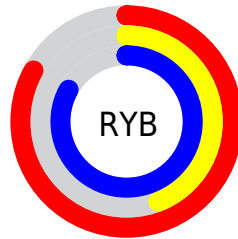
The CIELCh color **62, 62.410, 326.879** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **77, 62.657, 140.742**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 54.319, 326.296**, and **42, 62.123, 326.803** is the 20% darker color. If you saturate the color by 10%, you get **58, 73.994, 327.308**, and if you desaturate by 10%, it is **66, 49.665, 326.396**.

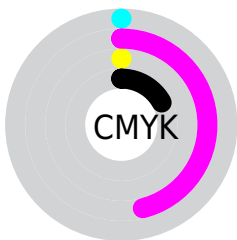
Distribution



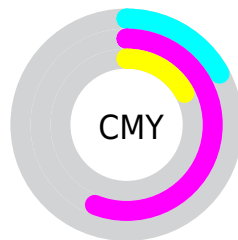
- Red (83%)
- Green (44%)
- Blue (83%)



- Red (83%)
- Yellow (44%)
- Blue (83%)



- Cyan (0%)
- Magenta (46%)
- Yellow (0%)
- Black (17%)





- Cyan (17%)
- Magenta (56%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 62.410, 326.879 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, 62.410, 326.879 by changing the saturation by 10% instead.


 62, 62.410,
326.879


 62, 62.410,
326.879


 100, 62.410,
326.879


 52, 62.410,
326.879


 82, 62.410,
326.879

 42, 62.410,
326.879

 92, 62.410,
326.879

 32, 62.410,
326.879

 22, 62.410,
326.879

 12, 62.410,
326.879

 2, 62.410, 326.879

 0, 62.410, 326.879

62, 62.410,
326.879

62, 62.410,
326.879

58, 73.994,
327.308

66, 49.665,
326.396

55, 83.895,
327.665

71, 36.240,
325.874

53, 91.617,
327.937

76, 22.514,
325.330

51, 96.836,
328.118

81, 8.764, 324.763

87, 4.818, 144.306

50, 99.562,
328.212

92, 18.112,
143.735

50, 100.214,
328.234

96, 27.490,
143.358

96, 27.490,
143.359

■ 96, 27.490,
143.359

Harmonies

Complementary

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



62, 62.410, 326.879



77, 62.657, 140.742

Rectangle

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



62, 62.410, 326.879



62, 62.410, 16.879



62, 62.410, 146.879



62, 62.410, 196.879

Sweetspot

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



62, 62.408, 326.879



91, 22.351, 325.203



52, 56.783, 296.761



47, 15.442, 325.324



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, 62.408, 326.879



70, 85.554, 327.315



60, 45.227, 348.497



41, 7.693, 324.936



40, 84.658, 328.234



6, 31.112, 327.826

Inverse Universe

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



62, 62.408, 326.879



70, 85.554, 327.315



78, 42.927, 158.869



41, 7.693, 324.936



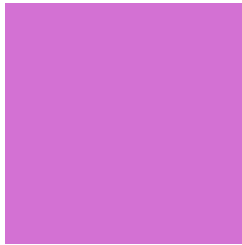
40, 84.658, 328.234



6, 31.112, 327.826

Previews

White Background



This preview shows how the CIELCh color 62, 62.410, 326.879 looks on a white background.

Color Contrast Check

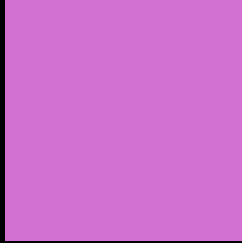
Large Text (above 18pt) WCAG AA × Fail

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, 62.410, 326.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

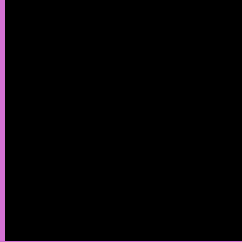
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 62.410, 326.879

Background



This preview shows how black text looks on a background with the CIELCh color 62, 62.410, 326.879.

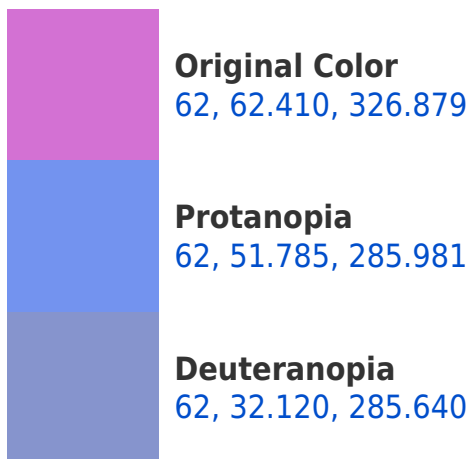


This preview shows how white text looks on a background with the CIELCh color 62, 62.410, 326.879.

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, 29.716, 13.151

Trichromacy



Original Color
62, 62.410, 326.879



Protanomaly
61, 53.167, 300.469



Deuteranomaly
61, 41.656, 306.692



Tritanomaly
62, 37.917, 347.199

Monochromacy



Original Color
62, 62.410, 326.879



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 24.228, 325.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 62.410, 326.879 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(211, 113, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 113, 211)  
}
```

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(211, 113, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 113, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 62.410, 326.879 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(211, 113, 211) }
```

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

```
.border{ border-color:rgb(211, 113, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 113, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 113, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 113, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 113,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 62.410, 326.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 113, 211) }
```

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

```
.background{ background-color: rgb(211,  
113, 211) }
```

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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