

Converting Colors

CIELCh(61, 75.039, 324.801)

Have a look what the booklet for
CIELCh(61, 75.039, 324.801)
contains.

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Color

CIELCh(61, 74.922, 324.751)

Conversions

Conversions Part 1

Format	Color
Hex	D766E1
RGB	215, 102, 225
RGB Percent	84%, 40%, 88%
CMY	0.1582, 0.6013, 0.1190
CMYK	0.04, 0.55, 0.00, 0.12
HSL	295°, 67%, 64%
HSV	295°, 55%, 88%
XYZ	46.1824, 29.2481, 74.1987
YIQ	149.8090, 27.8650, 62.2090

Conversions

Conversions Part 2

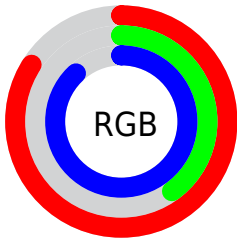
Format	Color
R _Y B	215, 102, 225
Decimal	14116577
CIE Lab	61.00, 61.19, -43.24
CIE LCh	61, 74.922, 324.751
Yxy	29.2481, 0.3086, 0.1955
Android (android.graphics.Color)	4292306657 (0xFFD766E1)
YUV	149.8090, 37.0692, 57.1725
Hunter-Lab	54.0815, 57.7858, -43.4875

Details

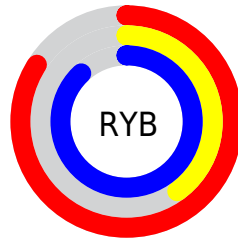
The CIELCh color $61, 74.922, 324.751$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $81, 74.808, 138.233$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 60.331, 326.496$, and $41, 74.785, 324.676$ is the 20% darker color. If you saturate the color by 10%, you get $57, 85.890, 325.038$, and if you desaturate by 10%, it is $65, 62.410, 324.375$.

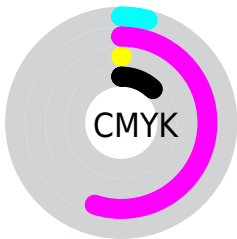
Distribution



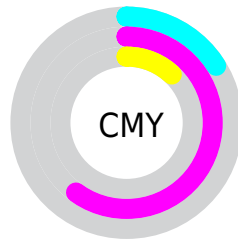
- Red (84%)
- Green (40%)
- Blue (88%)



- Red (84%)
- Yellow (40%)
- Blue (88%)



- Cyan (4%)
- Magenta (55%)
- Yellow (0%)
- Black (12%)





- Cyan (16%)
- Magenta (60%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 74.922, 324.751 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 61, 74.922, 324.751 by changing the saturation by 10% instead.


 61, 74.922,
324.751


 61, 74.922,
324.751


 100, 74.922,
324.751


 51, 74.922,
324.751


 81, 74.922,
324.751

 41, 74.922,
324.751

 91, 74.922,
324.751

 31, 74.922,
324.751

 21, 74.922,
324.751

 11, 74.922,
324.751

 1, 74.922, 324.751

 0, 74.922, 324.751

61, 74.922,
324.751

61, 74.922,
324.751

57, 85.890,
325.038

65, 62.410,
324.375

54, 94.739,
325.210

70, 48.920,
323.935

52, 100.996,
325.243

75, 34.913,
323.457

51, 104.495,
325.127

81, 20.735,
322.956


50, 105.554,
325.024

87, 6.628, 322.431

92, 7.251, 142.016

97, 18.399,
141.316

97, 18.050,
139.642

 98, 17.717,
137.894

Harmonies

Complementary

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



61, 74.922, 324.751



81, 74.808, 138.233

Rectangle

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



61, 74.922, 324.751



61, 74.922, 14.751



61, 74.922, 144.751



61, 74.922, 194.751

Sweetspot

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



61, 74.920, 324.751



90, 24.956, 323.026



52, 65.201, 295.419



47, 16.864, 323.130



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 74.920, 324.751



64, 96.380, 325.077



60, 57.846, 344.786



44, 7.953, 322.685



39, 87.928, 325.074



7, 35.833, 325.491

Inverse Universe

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



59, 52.057, 20.370



61, 70.423, 23.783



81, 56.248, 153.662



44, 4.747, 13.360



36, 75.749, 36.597



6, 25.373, 17.512

Previews

White Background



This preview shows how the CIELCh color 61, 74.922, 324.751 looks on a white background.

Color Contrast Check

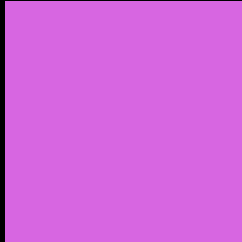
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 74.922, 324.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

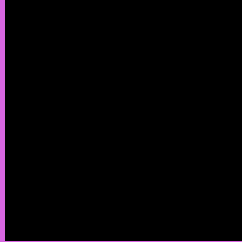
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 74.922, 324.751

Background



This preview shows how black text looks on a background with the CIELCh color 61, 74.922, 324.751.

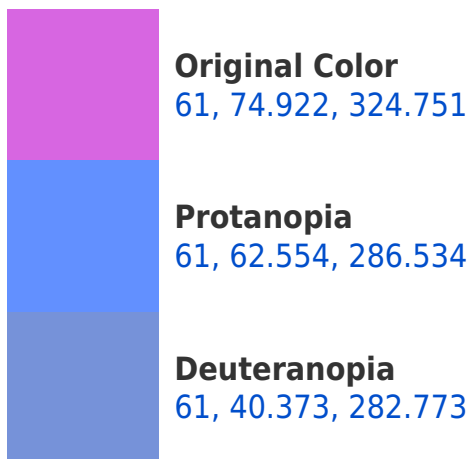


This preview shows how white text looks on a background with the CIELCh color 61, 74.922, 324.751.

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
61, 32.382, 14.348

Trichromacy



Original Color
61, 74.922, 324.751



Protanomaly
60, 64.967, 299.517



Deuteranomaly
60, 51.481, 303.390



Tritanomaly
61, 43.150, 344.871

Monochromacy



Original Color
61, 74.922, 324.751



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 29.493, 323.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 74.922, 324.751 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(215, 102, 225)` looks like.

```
.text, #text, p{  
    color:rgb(215, 102, 225)  
}
```

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(215, 102, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 102, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 74.922, 324.751 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(215, 102, 225) }
```

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

```
.border{ border-color:rgb(215, 102, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 102, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 102, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 102, 225);  
box-shadow:4px 4px 4px 4px rgb(215, 102,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 74.922, 324.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 102, 225) }
```

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

```
.background{ background-color: rgb(215,  
102, 225) }
```

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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