

Converting Colors

CIELCh(61, 45.128, 320.993)

Have a look what the booklet for
CIELCh(61, 45.128, 320.993)
contains.

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Color

CIELCh(61, 45.169, 321.001)

Conversions

Conversions Part 1

Format	Color
Hex	B97EC6
RGB	185, 126, 198
RGB Percent	73%, 49%, 78%
CMY	0.2751, 0.5065, 0.2241
CMYK	0.07, 0.36, 0.00, 0.22
HSL	289°, 39%, 63%
HSV	289°, 36%, 78%
XYZ	37.5860, 29.2481, 56.9947
YIQ	151.8490, 12.0520, 34.9000

Conversions

Conversions Part 2

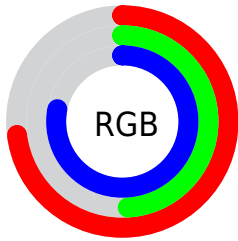
Format	Color
R_{YB}	185, 126, 198
Decimal	12156614
CIE _{Lab}	61.00, 35.10, -28.43
CIE _{LCh}	61, 45.169, 321.001
Yxy	29.2481, 0.3035, 0.2362
Android (android.graphics.Color)	4290346694 (0xFFB97EC6)
YUV	151.8490, 22.7524, 29.0734
Hunter-Lab	54.0815, 29.4127, -24.6266

Details

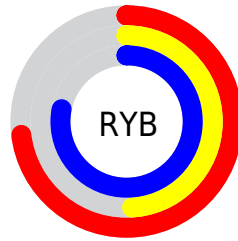
The CIELCh color $61, 45.169, 321.001$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 44.543, 137.354$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 44.955, 320.941$, and $41, 45.550, 321.165$ is the 20% darker color. If you saturate the color by 10%, you get $56, 57.228, 321.393$, and if you desaturate by 10%, it is $66, 32.741, 320.567$.

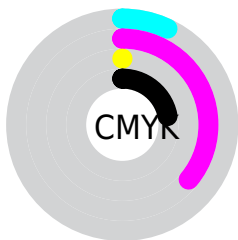
Distribution



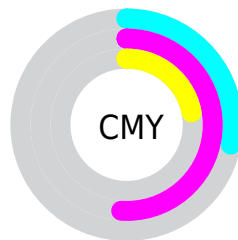
- Red (73%)
- Green (49%)
- Blue (78%)



- Red (73%)
- Yellow (49%)
- Blue (78%)



- Cyan (7%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)





- Cyan (28%)
- Magenta (51%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 45.169, 321.001 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, 45.169, 321.001 by changing the saturation by 10% instead.


 61, 45.169,
321.001


 61, 45.169,
321.001


 100, 45.169,
321.001


 51, 45.169,
321.001


 81, 45.169,
321.001

 41, 45.169,
321.001

 91, 45.169,
321.001

 31, 45.169,
321.001

 21, 45.169,
321.001

 11, 45.169,
321.001

 1, 45.169, 321.001

 0, 45.169, 321.001

61, 45.169,
321.001

61, 45.169,
321.001

56, 57.228,
321.393

66, 32.741,
320.567

52, 68.533,
321.714

71, 20.230,
320.113

48, 78.580,
321.925

76, 7.823, 319.646

45, 86.811,
321.986

82, 4.365, 139.282

43, 92.727,
321.856

87, 16.263,
138.827

41, 96.117,
321.511

93, 27.837,
138.426

41, 97.029,
321.362

96, 33.498,
137.383

96, 32.863,
135.533

■ 96, 32.261,
133.591

Harmonies

Complementary

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



61, 45.169, 321.001



74, 44.543, 137.354

Rectangle

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



61, 45.169, 321.001



61, 45.169, 11.001



61, 45.169, 141.001



61, 45.169, 191.001

Sweetspot

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



61, 45.167, 321.001



93, 16.622, 319.872



59, 33.434, 286.720



49, 11.181, 319.936



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, 45.167, 321.001



73, 66.811, 321.330



62, 37.981, 337.708



39, 6.994, 319.789



33, 84.086, 321.452



4, 24.675, 319.295

Inverse Universe

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



61, 29.987, 9.028



72, 45.175, 10.521



74, 37.489, 151.857



39, 4.394, 5.537



34, 67.072, 30.330



3, 16.131, 10.131

Previews

White Background



This preview shows how the CIELCh color 61, 45.169, 321.001 looks on a white background.

Color Contrast Check

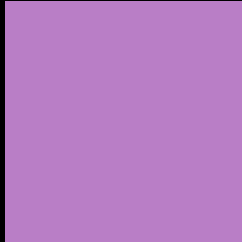
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 61, 45.169, 321.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

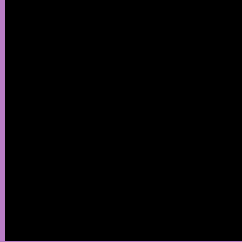
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 45.169, 321.001

Background



This preview shows how black text looks on a background with the CIELCh color 61, 45.169, 321.001.

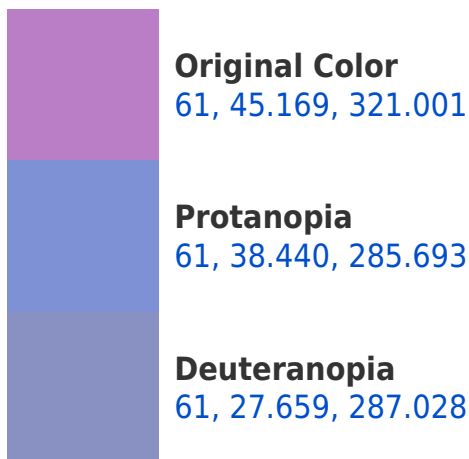


This preview shows how white text looks on a background with the CIELCh color 61, 45.169, 321.001.

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, 17.754, 1.104

Trichromacy



Original Color
61, 45.169, 321.001

Protanomaly
61, 39.122, 298.559

Deuteranomaly
61, 32.741, 303.116

Tritanomaly
61, 25.919, 336.706

Monochromacy



Original Color
61, 45.169, 321.001

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 17.321, 319.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 45.169, 321.001 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(185, 126, 198)` looks like.

```
.text, #text, p{  
    color:rgb(185, 126, 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(185, 126, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 126, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 45.169, 321.001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

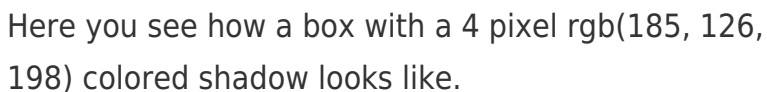
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 126, 198) }
```

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

```
.border{ border-color:rgb(185, 126, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 126, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 126, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 126, 198); box-shadow:4px 4px 4px 4px rgb(185, 126, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 45.169, 321.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 126, 198) }
```

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

```
.background{ background-color: rgb(185,  
126, 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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