

Converting Colors

CIELCh(61, 47.599, 323.956)

Have a look what the booklet for
CIELCh(61, 47.599, 323.956)
contains.

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Color

CIELCh(61, 47.464, 324.059)

Conversions

Conversions Part 1

Format	Color
Hex	BF7BC5
RGB	191, 123, 197
RGB Percent	75%, 48%, 77%
CMY	0.2512, 0.5179, 0.2277
CMYK	0.03, 0.38, 0.00, 0.23
HSL	295°, 39%, 63%
HSV	295°, 38%, 77%
XYZ	38.6167, 29.2481, 56.3963
YIQ	151.7680, 16.7740, 37.4300

Conversions

Conversions Part 2

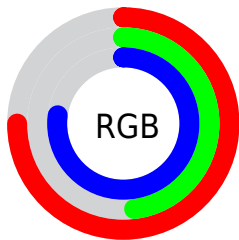
Format	Color
R_{YB}	191, 123, 197
Decimal	12549061
CIE _{Lab}	61.00, 38.43, -27.86
CIE _{LCh}	61, 47.464, 324.059
Yxy	29.2481, 0.3108, 0.2354
Android (android.graphics.Color)	4290739141 (0xFFBF7BC5)
YUV	151.7680, 22.2994, 34.4065
Hunter-Lab	54.0815, 32.8146, -23.9706

Details

The CIELCh color $61, 47.464, 324.059$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 47.236, 139.795$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 47.274, 323.839$, and $41, 47.546, 323.983$ is the 20% darker color. If you saturate the color by 10%, you get $57, 59.407, 324.482$, and if you desaturate by 10%, it is $66, 34.960, 323.592$.

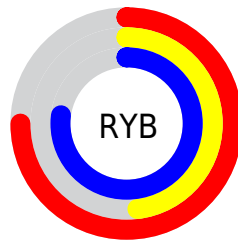
Distribution



Red (75%)

Green (48%)

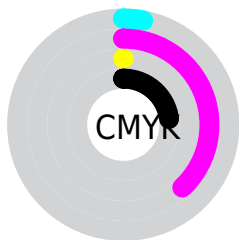
Blue (77%)



Red (75%)

Yellow (48%)

Blue (77%)

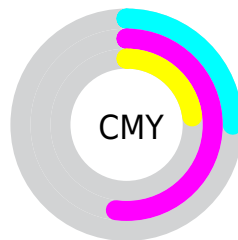


Cyan (3%)

Magenta (38%)

Yellow (0%)

Black (23%)



Cyan (25%)


Magenta (52%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 47.464, 324.059 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, 47.464, 324.059 by changing the saturation by 10% instead.


 61, 47.464,
324.059


 61, 47.464,
324.059


 100, 47.464,
324.059


 51, 47.464,
324.059


 81, 47.464,
324.059

 41, 47.464,
324.059

 91, 47.464,
324.059

 31, 47.464,
324.059

 21, 47.464,
324.059

 11, 47.464,
324.059

 1, 47.464, 324.059

 0, 47.464, 324.059

61, 47.464,
324.059

61, 47.464,
324.059

57, 59.407,
324.482

66, 34.960,
323.592

53, 70.364,
324.837

71, 22.236,
323.100

50, 79.825,
325.098

76, 9.525, 322.591

47, 87.285,
325.239

81, 3.015, 142.205

45, 92.373,
325.241

86, 15.287,
141.666

44, 95.103,
325.102

91, 27.235,
141.205

44, 95.620,
325.060

95, 35.359,
140.685

95, 35.047,
139.958

■ 95, 34.741,
139.214

Harmonies

Complementary

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



61, 47.464, 324.059



74, 47.236, 139.795

Rectangle

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



61, 47.464, 324.059



61, 47.464, 14.059



61, 47.464, 144.059



61, 47.464, 194.059

Sweetspot

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



61, 47.462, 324.059



93, 17.109, 322.777



56, 38.817, 291.780



49, 11.506, 322.847



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, 47.462, 324.059



73, 69.509, 324.407



61, 36.586, 342.689



39, 7.201, 322.686



36, 83.169, 325.103



4, 25.819, 323.708

Inverse Universe

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



60, 30.877, 16.806



71, 46.557, 18.268



74, 35.596, 155.962



39, 4.296, 13.370



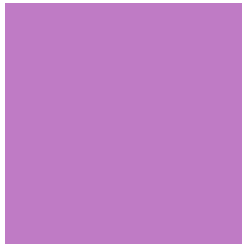
34, 71.452, 36.362



3, 15.943, 15.206

Previews

White Background



This preview shows how the CIELCh color 61, 47.464, 324.059 looks on a white background.

Color Contrast Check

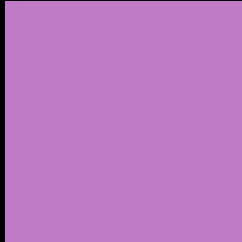
Large Text (above 18pt) WCAG AA ✓ Pass

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, 47.464, 324.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

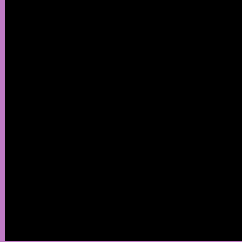
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 47.464, 324.059

Background



This preview shows how black text looks on a background with the CIELCh color 61, 47.464, 324.059.

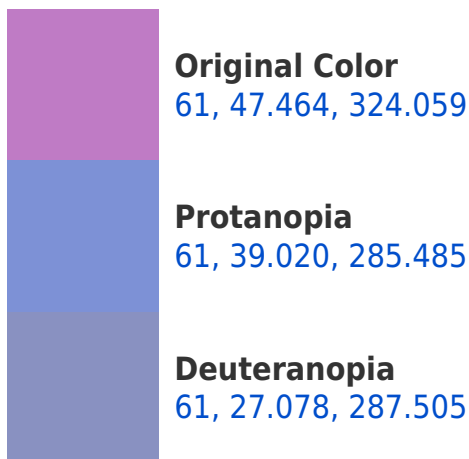


This preview shows how white text looks on a background with the CIELCh color 61, 47.464, 324.059.

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, 20.777, 6.157

Trichromacy



Original Color
61, 47.464, 324.059

Protanomaly
61, 40.352, 299.904

Deuteranomaly
61, 33.017, 305.495

Tritanomaly
61, 28.425, 342.185

Monochromacy



Original Color
61, 47.464, 324.059

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 17.892, 323.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 47.464, 324.059 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(191, 123, 197)` looks like.

```
.text, #text, p{  
    color:rgb(191, 123, 197)  
}
```

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(191, 123, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 123, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 47.464, 324.059 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(191, 123, 197) }
```

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

```
.border{ border-color:rgb(191, 123, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 123, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 123, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 123, 197);  
box-shadow:4px 4px 4px 4px rgb(191, 123,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 47.464, 324.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 123, 197) }
```

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

```
.background{ background-color: rgb(191,  
123, 197) }
```

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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