

Converting Colors

CIELCh(61, 46.373, 319.768)

Have a look what the booklet for
CIELCh(61, 46.373, 319.768)
contains.

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Color

CIELCh(61, 46.469, 319.619)

Conversions

Conversions Part 1

Format	Color
Hex	B87EC9
RGB	184, 126, 201
RGB Percent	72%, 49%, 79%
CMY	0.2792, 0.5066, 0.2125
CMYK	0.08, 0.37, 0.00, 0.21
HSL	286°, 41%, 64%
HSV	286°, 37%, 79%
XYZ	37.6766, 29.2481, 58.7961
YIQ	151.8920, 10.4930, 35.6210

Conversions

Conversions Part 2

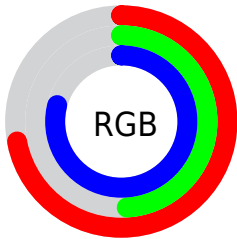
Format	Color
RYB	184, 126, 201
Decimal	12091081
CIELab	61.00, 35.40, -30.11
CIELCh	61, 46.469, 319.619
Yxy	29.2481, 0.2997, 0.2326
Android (android.graphics.Color)	4290281161 (0xFFB87EC9)
YUV	151.8920, 24.2102, 28.1587
Hunter-Lab	54.0815, 29.7115, -26.6015

Details

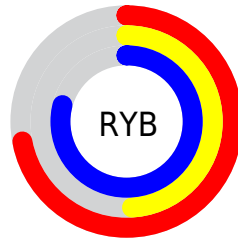
The CIELCh color $61, 46.469, 319.619$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 45.586, 136.026$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 44.814, 320.534$, and $41, 46.951, 319.725$ is the 20% darker color. If you saturate the color by 10%, you get $56, 58.627, 320.001$, and if you desaturate by 10%, it is $66, 33.974, 319.195$.

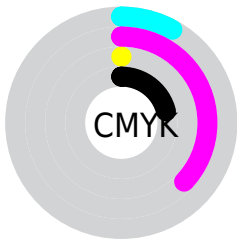
Distribution



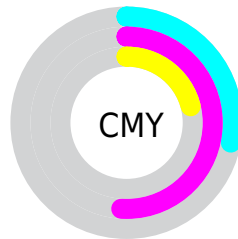
- Red (72%)
- Green (49%)
- Blue (79%)



- Red (72%)
- Yellow (49%)
- Blue (79%)



- Cyan (8%)
- Magenta (37%)
- Yellow (0%)
- Black (21%)





- Cyan (28%)
- Magenta (51%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 46.469, 319.619 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, 46.469, 319.619 by changing the saturation by 10% instead.


 61, 46.469,
319.619


 61, 46.469,
319.619


 100, 46.469,
319.619


 51, 46.469,
319.619


 81, 46.469,
319.619

 41, 46.469,
319.619

 91, 46.469,
319.619

 31, 46.469,
319.619

 21, 46.469,
319.619

 11, 46.469,
319.619

 1, 46.469, 319.619

 0, 46.469, 319.619

61, 46.469,
319.619

61, 46.469,
319.619

56, 58.627,
320.001

66, 33.974,
319.195

52, 70.061,
320.306

71, 21.422,
318.752

48, 80.255,
320.493

77, 8.992, 318.300

44, 88.621,
320.511

82, 3.206, 137.960

42, 94.620,
320.311

88, 15.109,
137.507

40, 98.061,
319.868

94, 26.685,
137.123

40, 98.791,
319.735

96, 31.141,
135.544

96, 30.386,
132.906

■ 97, 29.696,
130.107

Harmonies

Complementary

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



61, 46.469, 319.619



75, 45.586, 136.026

Rectangle

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



61, 46.469, 319.619



61, 46.469, 9.619



61, 46.469, 139.619



61, 46.469, 189.619

Sweetspot

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



61, 46.467, 319.619



93, 16.412, 318.474



60, 32.695, 284.055



48, 11.041, 318.536



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, 46.467, 319.619



71, 67.746, 319.940



62, 40.774, 335.613



39, 6.904, 318.393



32, 84.652, 319.851



3, 24.193, 317.200

Inverse Universe

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



61, 31.431, 5.722



71, 46.438, 7.231



75, 40.442, 149.853



39, 4.467, 2.055



34, 65.133, 26.806



3, 16.260, 7.827

Previews

White Background



This preview shows how the CIELCh color 61, 46.469, 319.619 looks on a white background.

Color Contrast Check

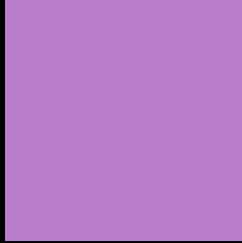
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.469, 319.619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

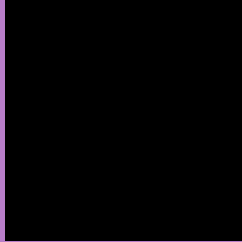
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 46.469, 319.619

Background



This preview shows how black text looks on a background with the CIELCh color 61, 46.469, 319.619.

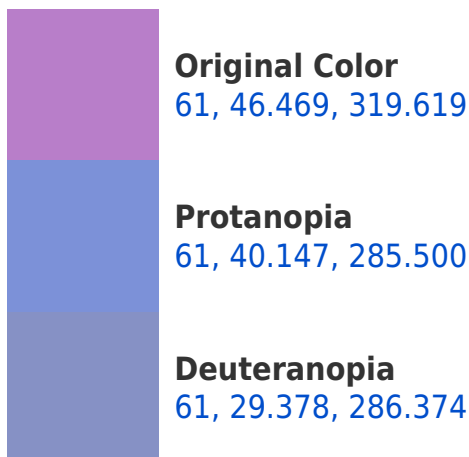



This preview shows how white text looks on a background with the CIELCh color 61, 46.469, 319.619.

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, 16.603, 359.478

Trichromacy



Original Color
61, 46.469, 319.619

Protanomaly
61, 40.766, 298.061

Deuteranomaly
61, 34.298, 301.618

Tritanomaly
61, 25.767, 334.476

Monochromacy



Original Color
61, 46.469, 319.619

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 17.810, 319.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 46.469, 319.619 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(184, 126, 201)` looks like.

```
.text, #text, p{  
    color:rgb(184, 126, 201)  
}
```

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(184, 126, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 126, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 46.469, 319.619 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(184, 126, 201) }
```

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

```
.border{ border-color:rgb(184, 126, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 126, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 126, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 126, 201); box-shadow:4px 4px 4px 4px rgb(184, 126, 201) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 46.469, 319.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 126, 201) }
```

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

```
.background{ background-color: rgb(184,  
126, 201) }
```

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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