

Converting Colors

CIELCh(61, 41.036, 324.100)

Have a look what the booklet for
CIELCh(61, 41.036, 324.100)
contains.

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Color

CIELCh(61, 40.961, 324.372)

Conversions

Conversions Part 1

Format	Color
Hex	BA7FBE
RGB	186, 127, 190
RGB Percent	73%, 50%, 75%
CMY	0.2714, 0.5027, 0.2557
CMYK	0.02, 0.33, 0.00, 0.26
HSL	296°, 33%, 62%
HSV	296°, 33%, 74%
XYZ	37.0328, 29.2481, 52.2884
YIQ	151.8230, 14.9410, 32.1010

Conversions

Conversions Part 2

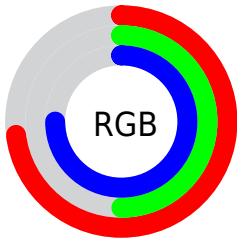
Format	Color
R_{YB}	186, 127, 190
Decimal	12222398
CIE _{Lab}	61.00, 33.29, -23.86
CIE _{LCh}	61, 40.961, 324.372
Yxy	29.2481, 0.3123, 0.2467
Android (android.graphics.Color)	4290412478 (0xFFBA7FBE)
YUV	151.8230, 18.8213, 29.9732
Hunter-Lab	54.0815, 27.5866, -19.4671

Details

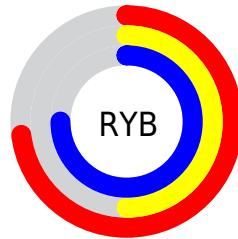
The CIELCh color $61, 40.961, 324.372$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 40.814, 140.586$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 40.513, 324.569$, and $41, 41.120, 324.722$ is the 20% darker color. If you saturate the color by 10%, you get $57, 52.853, 324.826$, and if you desaturate by 10%, it is $66, 28.660, 323.884$.

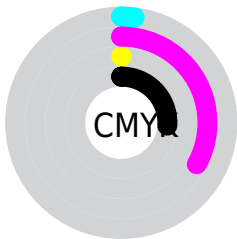
Distribution



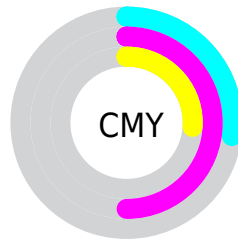
- Red (73%)
- Green (50%)
- Blue (75%)



- Red (73%)
- Yellow (50%)
- Blue (75%)



- Cyan (2%)
- Magenta (33%)
- Yellow (0%)
- Black (26%)





- Cyan (27%)
- Magenta (50%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 40.961, 324.372 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, 40.961, 324.372 by changing the saturation by 10% instead.


 61, 40.961,
324.372


 61, 40.961,
324.372


 100, 40.961,
324.372


 51, 40.961,
324.372


 81, 40.961,
324.372

 41, 40.961,
324.372

 91, 40.961,
324.372

 31, 40.961,
324.372

 21, 40.961,
324.372

 11, 40.961,
324.372

 1, 40.961, 324.372

 0, 40.961, 324.372

61, 40.961,
324.372

61, 40.961,
324.372

57, 52.853,
324.826

66, 28.660,
323.884

53, 63.960,
325.224

70, 16.241,
323.377

50, 73.815,
325.544

75, 3.902, 322.828

47, 81.924,
325.763

80, 8.229, 142.423

45, 87.865,
325.859

85, 20.072,
141.929

44, 91.438,
325.823

91, 31.586,
141.470

43, 92.887,
325.743

95, 39.985,
141.026

95, 39.748,
140.554

■ 95, 39.512,
140.073

Harmonies

Complementary

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



61, 40.961, 324.372



72, 40.814, 140.586

Rectangle

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



61, 40.961, 324.372



61, 40.961, 14.372



61, 40.961, 144.372



61, 40.961, 194.372

Sweetspot

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



61, 40.959, 324.372



91, 15.245, 323.220



57, 33.608, 291.709



48, 10.495, 323.294



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



61, 40.959, 324.372



74, 60.879, 324.715



60, 31.076, 343.099



37, 6.931, 323.177



36, 81.136, 325.776



3, 20.787, 322.675

Inverse Universe

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



60, 26.162, 17.459



72, 39.961, 18.635



72, 30.223, 157.239



37, 4.104, 14.776



32, 70.386, 37.049



3, 12.287, 15.746

Previews

White Background



This preview shows how the CIELCh color 61, 40.961, 324.372 looks on a white background.

Color Contrast Check

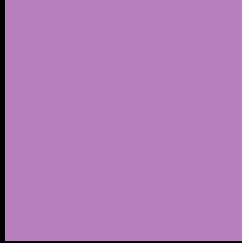
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.961, 324.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

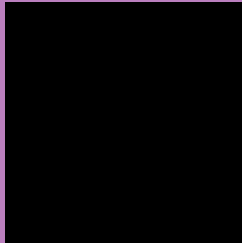
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 40.961, 324.372

Background



This preview shows how black text looks on a background with the CIELCh color 61, 40.961, 324.372.

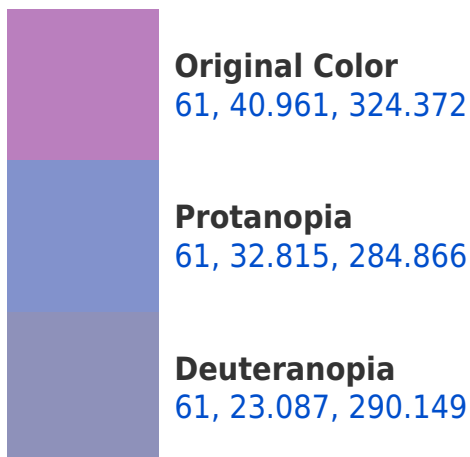


This preview shows how white text looks on a background with the CIELCh color 61, 40.961, 324.372.

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, 18.382, 3.752

Trichromacy



Original Color
61, 40.961, 324.372

Protanomaly
61, 34.141, 299.930

Deuteranomaly
61, 28.644, 307.218

Tritanomaly
61, 24.753, 341.190

Monochromacy



Original Color
61, 40.961, 324.372

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 15.200, 322.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 40.961, 324.372 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(186, 127, 190)` looks like.

```
.text, #text, p{  
    color:rgb(186, 127, 190)  
}
```

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(186, 127, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 127, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 40.961, 324.372 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(186, 127, 190) }
```

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

```
.border{ border-color:rgb(186, 127, 190) }
```

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

Here you see how a box with a 4 pixel rgb(186, 127, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 127, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 127, 190);  
box-shadow:4px 4px 4px 4px rgb(186, 127,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 40.961, 324.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 127, 190) }
```

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

```
.background{ background-color: rgb(186,  
127, 190) }
```

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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