

Converting Colors

CIELCh(61, 39.394, 328.567)

Have a look what the booklet for
CIELCh(61, 39.394, 328.567)
contains.

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Color

CIELCh(61, 39.491, 328.546)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BD7EB8 |
| RGB | 189, 126, 184 |
| RGB Percent | 74%, 49%, 72% |
| CMY | 0.2584, 0.5054, 0.2780 |
| CMYK | 0.00, 0.33, 0.03, 0.26 |
| HSL | 305°, 32%, 62% |
| HSV | 305°, 33%, 74% |
| XYZ | 37.1529, 29.2481, 49.0969 |
| YIQ | 151.4490, 18.9300, 31.3940 |

Conversions

Conversions Part 2

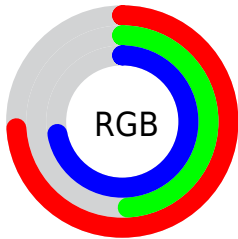
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 189, 126, 184 |
| Decimal | 12418744 |
| CIE _{Lab} | 61.00, 33.69, -20.61 |
| CIE _{LCh} | 61, 39.491, 328.546 |
| Yxy | 29.2481, 0.3217, 0.2532 |
| Android (android.graphics.Color) | 4290608824 (0xFFBD7EB8) |
| YUV | 151.4490, 16.0476, 32.9322 |
| Hunter-Lab | 54.0815, 27.9830, -15.9682 |

Details

The CIELCh color $61, 39.491, 328.546$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 39.486, 144.223$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 39.168, 328.557$, and $41, 39.929, 328.698$ is the 20% darker color. If you saturate the color by 10%, you get $57, 50.797, 329.105$, and if you desaturate by 10%, it is $65, 27.721, 327.973$.

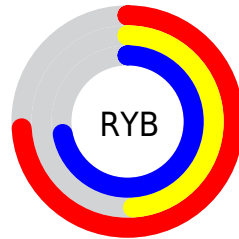
Distribution



Red (74%)

Green (49%)

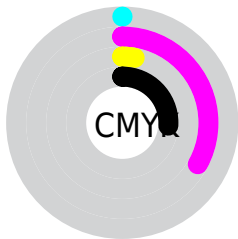
Blue (72%)



Red (74%)

Yellow (49%)

Blue (72%)

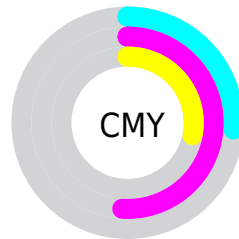


Cyan (0%)

Magenta (33%)

Yellow (3%)

Black (26%)



Cyan (26%)


Magenta (51%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 39.491, 328.546 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, 39.491, 328.546 by changing the saturation by 10% instead.


 61, 39.491,
328.546


 61, 39.491,
328.546


 100, 39.491,
328.546


 51, 39.491,
328.546


 81, 39.491,
328.546

 41, 39.491,
328.546

 91, 39.491,
328.546

 31, 39.491,
328.546

 21, 39.491,
328.546

 11, 39.491,
328.546

 1, 39.491, 328.546

 0, 39.491, 328.546

61, 39.491,
328.546

61, 39.491,
328.546

57, 50.797,
329.105

65, 27.721,
327.973

53, 61.254,
329.639

70, 15.791,
327.393

50, 70.396,
330.141

75, 3.910, 326.775

47, 77.744,
330.603

80, 7.783, 146.324

46, 82.914,
331.027

85, 19.205,
145.768

45, 85.752,
331.420

90, 30.308,
145.249

44, 86.725,
331.673

94, 38.995,
144.969

94, 38.375,
145.637

■ 94, 37.759,
146.326

Harmonies

Complementary

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



61, 39.491, 328.546



71, 39.486, 144.223

Rectangle

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



61, 39.491, 328.546



61, 39.491, 18.546



61, 39.491, 148.546



61, 39.491, 198.546

Sweetspot

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



61, 39.489, 328.546



90, 14.602, 327.208



55, 36.243, 296.476



47, 9.966, 327.291



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



61, 39.489, 328.546



74, 58.066, 328.957



60, 28.772, 350.794



37, 6.695, 327.160



37, 76.023, 331.623



3, 19.876, 328.404

Inverse Universe

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



61, 39.489, 328.546



74, 58.066, 328.957



72, 27.202, 164.170



37, 6.695, 327.160



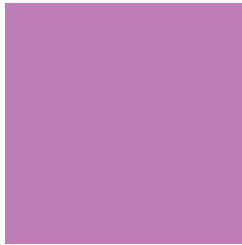
37, 76.023, 331.623



3, 19.876, 328.404

Previews

White Background



This preview shows how the CIELCh color 61, 39.491, 328.546 looks on a white background.

Color Contrast Check

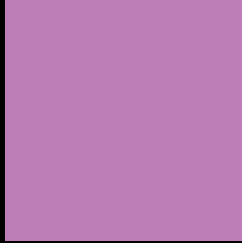
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.491, 328.546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

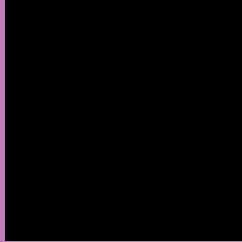
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 39.491, 328.546

Background



This preview shows how black text looks on a background with the CIELCh color 61, 39.491, 328.546.



This preview shows how white text looks on a background with the CIELCh color 61, 39.491, 328.546.

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



Original Color

61, 39.491, 328.546

Protanopia

61, 29.408, 285.131

Deuteranopia

61, 20.873, 293.419



Tritanopia
61, 20.777, 6.157

Trichromacy



Original Color
61, 39.491, 328.546

Protanomaly
61, 30.948, 302.281

Deuteranomaly
61, 26.918, 311.348

Tritanomaly
61, 26.272, 345.851

Monochromacy



Original Color
61, 39.491, 328.546

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 14.482, 326.397

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 39.491, 328.546 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(189, 126, 184)` looks like.

```
.text, #text, p{  
    color:rgb(189, 126, 184)  
}
```

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(189, 126, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 126, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 39.491, 328.546 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(189, 126, 184) }
```

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

```
.border{ border-color:rgb(189, 126, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 126, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 126, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 126, 184);  
box-shadow:4px 4px 4px 4px rgb(189, 126,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 39.491, 328.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 126, 184) }
```

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

```
.background{ background-color: rgb(189,  
126, 184) }
```

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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