

Converting Colors

CIELCh(60, 42.848, 327.653)

Have a look what the booklet for
CIELCh(60, 42.848, 327.653)
contains.

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Color

CIELCh(60, 42.494, 328.061)

Conversions

Conversions Part 1

Format	Color
Hex	BD7AB9
RGB	189, 122, 185
RGB Percent	74%, 48%, 73%
CMY	0.2600, 0.5226, 0.2756
CMYK	0.00, 0.35, 0.02, 0.26
HSL	304°, 34%, 61%
HSV	304°, 35%, 74%
XYZ	36.5653, 28.1233, 49.2400
YIQ	149.2150, 19.7090, 33.7970

Conversions

Conversions Part 2

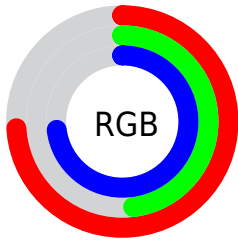
Format	Color
R_{YB}	189, 122, 185
Decimal	12417721
CIE _{Lab}	60.00, 36.06, -22.48
CIE _{LCh}	60, 42.494, 328.061
Yxy	28.1233, 0.3209, 0.2469
Android (android.graphics.Color)	4290607801 (0xFFBD7AB9)
YUV	149.2150, 17.6420, 34.8914
Hunter-Lab	53.0314, 30.2711, -17.9291

Details

The CIELCh color $60, 42.494, 328.061$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $71, 42.520, 143.462$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 42.078, 328.052$, and $40, 42.800, 327.756$ is the 20% darker color. If you saturate the color by 10%, you get $56, 53.776, 328.596$, and if you desaturate by 10%, it is $64, 30.662, 327.505$.

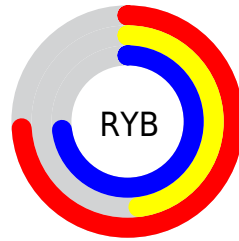
Distribution



Red (74%)

Green (48%)

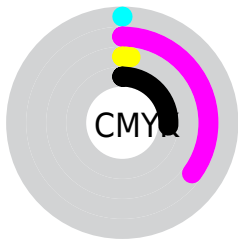
Blue (73%)



Red (74%)

Yellow (48%)

Blue (73%)

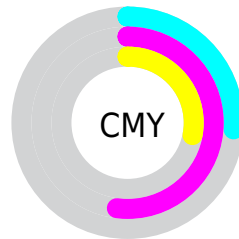


Cyan (0%)

Magenta (35%)

Yellow (2%)

Black (26%)



Cyan (26%)


Magenta (52%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 42.494, 328.061 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 60, 42.494, 328.061 by changing the saturation by 10% instead.


 60, 42.494,
328.061


 60, 42.494,
328.061


 100, 42.494,
328.061


 50, 42.494,
328.061


 80, 42.494,
328.061

 40, 42.494,
328.061

 90, 42.494,
328.061

 30, 42.494,
328.061

 20, 42.494,
328.061

 10, 42.494,
328.061

 0, 42.494, 328.061

 60, 42.494,

 60, 42.494,

328.061

56, 53.776,
328.596

52, 64.104,
329.098

49, 73.003,
329.557

47, 80.008,
329.964

45, 84.778,
330.318

44, 87.242,
330.628

44, 87.941,
330.760

328.061

64, 30.662,
327.505

69, 18.609,
326.936

74, 6.562, 326.349

79, 5.321, 145.886

84, 16.946,
145.317

89, 28.255,
144.796

94, 39.225,
144.303

94, 39.459,
144.724

■ 94, 38.992,
145.214

Harmonies

Complementary

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



60, 42.494, 328.061



71, 42.520, 143.462

Rectangle

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



60, 42.494, 328.061



60, 42.494, 18.061



60, 42.494, 148.061



60, 42.494, 198.061

Sweetspot

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



60, 42.492, 328.061



90, 16.291, 326.688



54, 38.707, 296.265



47, 10.949, 326.766



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



60, 42.492, 328.061



72, 62.983, 328.502



59, 30.888, 350.036



37, 6.787, 326.581



37, 77.197, 330.724



3, 20.269, 327.612

Inverse Universe

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



60, 42.492, 328.061



72, 62.983, 328.502



71, 29.235, 162.970



37, 6.787, 326.581



37, 77.197, 330.724



3, 20.269, 327.612

Previews

White Background



This preview shows how the CIELCh color 60, 42.494, 328.061 looks on a white background.

Color Contrast Check

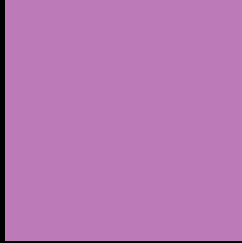
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 60, 42.494, 328.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

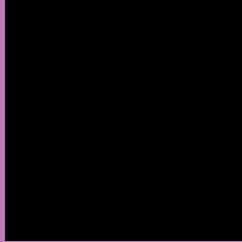
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 42.494, 328.061

Background



This preview shows how black text looks on a background with the CIELCh color 60, 42.494, 328.061.

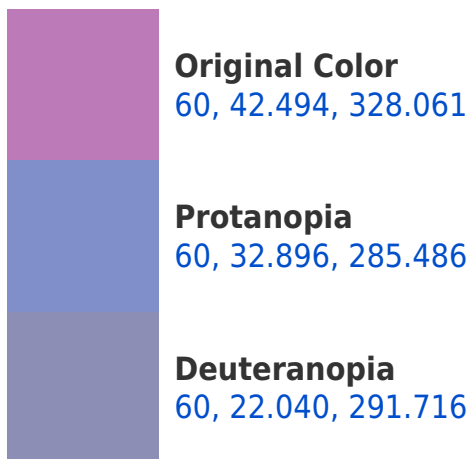


This preview shows how white text looks on a background with the CIELCh color 60, 42.494, 328.061.

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
60, 21.652, 6.907

Trichromacy



Original Color
60, 42.494, 328.061

Protanomaly
60, 34.467, 302.217

Deuteranomaly
60, 27.940, 309.935

Tritanomaly
60, 27.259, 346.003

Monochromacy



Original Color
60, 42.494, 328.061

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 15.885, 326.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 42.494, 328.061 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, 122, 185)` looks like.

```
.text, #text, p{  
    color:rgb(189, 122, 185)  
}
```

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, 122, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 122, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 42.494, 328.061 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, 122, 185) }
```

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

```
.border{ border-color:rgb(189, 122, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 122, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 122, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 122, 185);  
box-shadow:4px 4px 4px 4px rgb(189, 122,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 42.494, 328.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 122, 185) }
```

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

```
.background{ background-color: rgb(189,  
122, 185) }
```

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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