

Converting Colors

CIELCh(60, 47.615, 324.671)

Have a look what the booklet for
CIELCh(60, 47.615, 324.671)
contains.

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Color

CIELCh(60, 47.726, 324.486)

Conversions

Conversions Part 1

Format	Color
Hex	BD78C2
RGB	189, 120, 194
RGB Percent	74%, 47%, 76%
CMY	0.2591, 0.5296, 0.2394
CMYK	0.03, 0.38, 0.00, 0.24
HSL	296°, 38%, 62%
HSV	296°, 38%, 76%
XYZ	37.4124, 28.1233, 54.4605
YIQ	149.0670, 17.3700, 37.6420

Conversions

Conversions Part 2

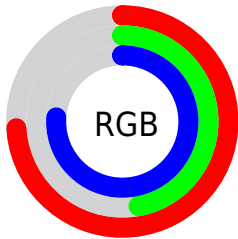
Format	Color
R_{YB}	189, 120, 194
Decimal	12417218
CIE _{Lab}	60.00, 38.85, -27.72
CIE _{LCh}	60, 47.726, 324.486
Yxy	28.1233, 0.3118, 0.2344
Android (android.graphics.Color)	4290607298 (0xFFBD78C2)
YUV	149.0670, 22.1520, 35.0212
Hunter-Lab	53.0314, 33.1224, -23.7657

Details

The CIELCh color $60, 47.726, 324.486$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $72, 47.552, 140.072$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 47.531, 324.237$, and $40, 47.770, 324.448$ is the 20% darker color. If you saturate the color by 10%, you get $56, 59.481, 324.913$, and if you desaturate by 10%, it is $65, 35.377, 324.015$.

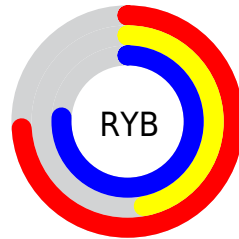
Distribution



Red (74%)

Green (47%)

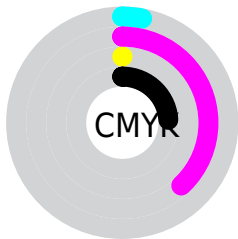
Blue (76%)



Red (74%)

Yellow (47%)

Blue (76%)

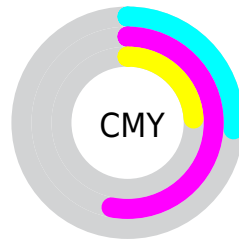


Cyan (3%)

Magenta (38%)

Yellow (0%)

Black (24%)



Cyan (26%)

Magenta (53%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 47.726, 324.486 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, 47.726, 324.486 by changing the saturation by 10% instead.

 60, 47.726,
324.486


 60, 47.726,
324.486

 100, 47.726,
324.486

 50, 47.726,
324.486

 80, 47.726,
324.486

 40, 47.726,
324.486

 90, 47.726,
324.486

 30, 47.726,
324.486

 20, 47.726,
324.486

 10, 47.726,
324.486

 0, 47.726, 324.486

 60, 47.726,

 60, 47.726,

324.486

324.486

■ 56, 59.481,
324.913

■ 65, 35.377,
324.015

■ 52, 70.213,
325.273

■ 69, 22.779,
323.517

■ 49, 79.419,
325.541

■ 74, 10.174,
323.002

■ 47, 86.613,
325.694

■ 79, 2.275, 142.632

■ 45, 91.457,
325.715

■ 85, 14.465,
142.060

■ 44, 94.038,
325.608

■ 90, 26.337,
141.588

■ 44, 94.427,
325.584

■ 95, 37.438,
141.140

■ 95, 37.179,
140.587

■ 95, 36.924,
140.023

Harmonies

Complementary

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



60, 47.726, 324.486



72, 47.552, 140.072

Rectangle

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



60, 47.726, 324.486



60, 47.726, 14.486



60, 47.726, 144.486



60, 47.726, 194.486

Sweetspot

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



60, 47.724, 324.486



92, 17.039, 323.160



55, 38.970, 291.879



49, 11.552, 323.232



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 47.724, 324.486



72, 70.553, 324.856



59, 36.680, 342.746



38, 7.077, 323.066



36, 82.121, 325.620



4, 23.381, 323.407

Inverse Universe

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



58, 31.055, 17.923



70, 47.428, 19.479



73, 35.679, 155.899



38, 4.198, 14.455



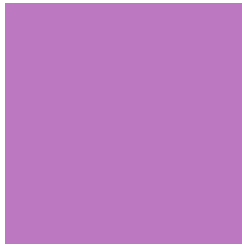
33, 71.114, 36.928



3, 14.041, 15.717

Previews

White Background



This preview shows how the CIELCh color 60, 47.726, 324.486 looks on a white background.

Color Contrast Check

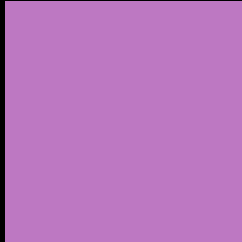
Large Text (above 18pt) WCAG AA ✓ Pass

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, 47.726, 324.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

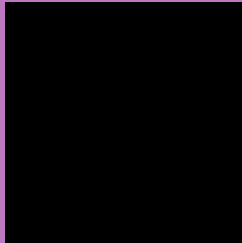
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 47.726, 324.486

Background



This preview shows how black text looks on a background with the CIELCh color 60, 47.726, 324.486.

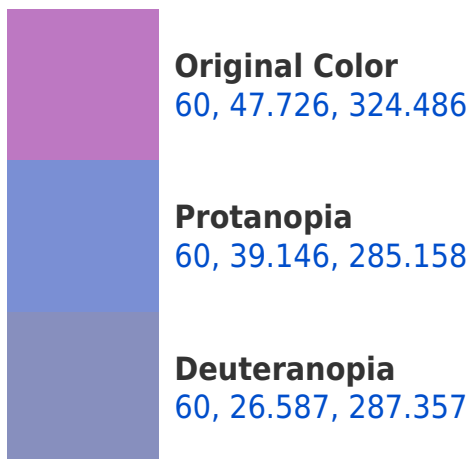


This preview shows how white text looks on a background with the CIELCh color 60, 47.726, 324.486.

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, 21.255, 6.566

Trichromacy



Original Color
60, 47.726, 324.486

Protanomaly
60, 39.868, 299.518

Deuteranomaly
60, 32.551, 305.699

Tritanomaly
60, 28.797, 342.786

Monochromacy



Original Color
60, 47.726, 324.486

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 18.150, 324.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 47.726, 324.486 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, 120, 194)` looks like.

```
.text, #text, p{  
    color:rgb(189, 120, 194)  
}
```

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, 120, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 120, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 47.726, 324.486 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, 120, 194) }
```

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

```
.border{ border-color:rgb(189, 120, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 120, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 120, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 120, 194); box-shadow:4px 4px 4px 4px rgb(189, 120, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 47.726, 324.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 120, 194) }
```

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

```
.background{ background-color: rgb(189,  
120, 194) }
```

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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