

Converting Colors

CIELCh(59, 46.121, 327.924)

Have a look what the booklet for
CIELCh(59, 46.121, 327.924)
contains.

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Color

CIELCh(59, 46.108, 327.662)

Conversions

Conversions Part 1

Format	Color
Hex	BD75BA
RGB	189, 117, 186
RGB Percent	74%, 46%, 73%
CMY	0.2594, 0.5417, 0.2712
CMYK	0.00, 0.38, 0.02, 0.26
HSL	302°, 35%, 60%
HSV	302°, 38%, 74%
XYZ	36.1403, 27.0277, 49.6836
YIQ	146.3940, 20.7630, 36.7230

Conversions

Conversions Part 2

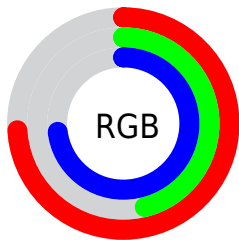
Format	Color
R _Y B	189, 117, 186
Decimal	12416442
CIE Lab	59.00, 38.96, -24.66
CIE LCh	59, 46.108, 327.662
Yxy	27.0277, 0.3202, 0.2395
Android (android.graphics.Color)	4290606522 (0xFFBD75BA)
YUV	146.3940, 19.5258, 37.3655
Hunter-Lab	51.9882, 33.1073, -20.2700

Details

The CIELCh color $59, 46.108, 327.662$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $70, 46.173, 142.714$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 46.221, 327.626$, and $39, 46.389, 327.422$ is the 20% darker color. If you saturate the color by 10%, you get $55, 57.320, 328.172$, and if you desaturate by 10%, it is $63, 34.238, 327.123$.

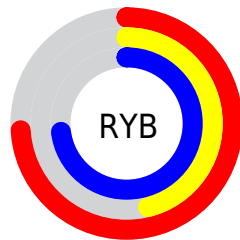
Distribution



Red (74%)

Green (46%)

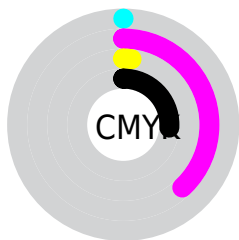
Blue (73%)



Red (74%)

Yellow (46%)

Blue (73%)

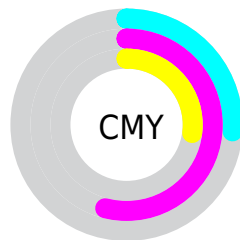


Cyan (0%)

Magenta (38%)

Yellow (2%)

Black (26%)



Cyan (26%)

Magenta (54%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 46.108, 327.662 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 59, 46.108, 327.662 by changing the saturation by 10% instead.

 59, 46.108,
327.662

 59, 46.108,
327.662

 100, 46.108,
327.662

 49, 46.108,
327.662

 79, 46.108,
327.662

 39, 46.108,
327.662

 89, 46.108,
327.662

 29, 46.108,
327.662

 99, 46.108,
327.662

 19, 46.108,
327.662

 9, 46.108, 327.662

 0, 46.108, 327.662

59, 46.108,
327.662

59, 46.108,
327.662

55, 57.320,
328.172

63, 34.238,
327.123

52, 67.446,
328.640

68, 22.064,
326.566

49, 76.005,
329.052

73, 9.842, 325.996

47, 82.555,
329.402

77, 2.252, 145.585

45, 86.818,
329.688

83, 14.105,
144.953

45, 88.933,
329.920

88, 25.651,
144.428

44, 89.247,
329.961

93, 36.855,
143.930

94, 40.084,
144.003

■ 94, 39.756,
144.334

Harmonies

Complementary

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



59, 46.108, 327.662



70, 46.173, 142.714

Rectangle

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



59, 46.108, 327.662



59, 46.108, 17.662



59, 46.108, 147.662



59, 46.108, 197.662

Sweetspot

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



59, 46.106, 327.662



90, 16.493, 326.173



52, 41.818, 296.164



47, 11.085, 326.250



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



59, 46.106, 327.662



71, 67.837, 328.104



58, 33.493, 349.353



37, 6.871, 326.067



37, 78.285, 329.937



3, 20.633, 326.925

Inverse Universe

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



59, 46.106, 327.662



71, 67.837, 328.104



71, 31.733, 161.735



37, 6.871, 326.067



37, 78.285, 329.937



3, 20.633, 326.925

Previews

White Background



This preview shows how the CIELCh color 59, 46.108, 327.662 looks on a white background.

Color Contrast Check

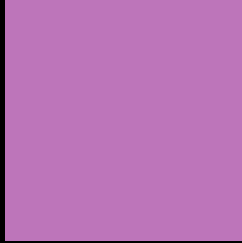
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 46.108, 327.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

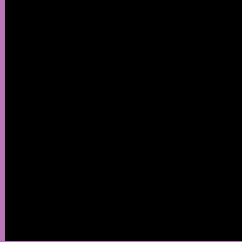
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 46.108, 327.662

Background



This preview shows how black text looks on a background with the CIELCh color 59, 46.108, 327.662.

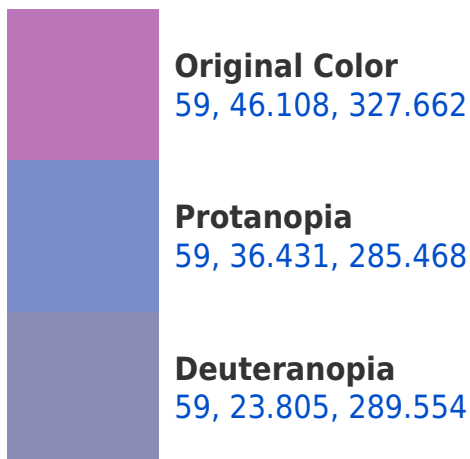


This preview shows how white text looks on a background with the CIELCh color 59, 46.108, 327.662.

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
59, 23.370, 8.257

Trichromacy



Original Color
59, 46.108, 327.662

Protanomaly
59, 37.328, 301.283

Deuteranomaly
59, 30.186, 308.760

Tritanomaly
59, 29.793, 345.887

Monochromacy



Original Color
59, 46.108, 327.662

Achromatopsia
61, 0.008, 296.813

Achromatomaly
59, 17.511, 327.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 46.108, 327.662 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, 117, 186)` looks like.

```
.text, #text, p{  
    color:rgb(189, 117, 186)  
}
```

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, 117, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 117, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 46.108, 327.662 is called "border". The border property can be set on classes, ids or directly on the HTML element.

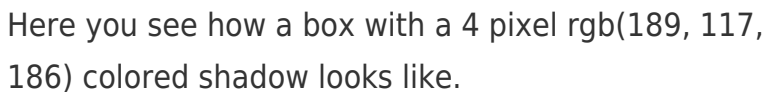
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 117, 186) }
```

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

```
.border{ border-color:rgb(189, 117, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 117, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 117, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 117, 186); box-shadow:4px 4px 4px 4px rgb(189, 117, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 46.108, 327.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 117, 186) }
```

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

```
.background{ background-color: rgb(189,  
117, 186) }
```

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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